Preliminary Assessments
West Salem
Salem, Oregon

February 2014

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List of Abbreviations and Acronyms

Acronym	Definition
%R	Percent Recovery
µg/L	Micrograms per Liter
bgs	Below Ground Surface
BS	Blank Spike
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
CRQL	Contract Required Quantitation Limit
CWE	Century West Engineering
DQO	Data Quality Objectives
E & E	Ecology and Environment, Inc.
EPA	United States Environmental Protection Agency
FE	Foundation Engineering
GIS	Geographic Information System
GPS	Global Positioning System
IDW	Investigation-Derived Waste
MCL	Maximum Contaminant Level
MEL	Manchester Environmental Laboratory
mrem	Millirem
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAREL	National Analytical Radiation Environmental Laboratory
NPL	National Priorities List
ODEQ	Oregon Department of Environmental Quality
PA	Preliminary Assessment
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl

List of Abbreviations and Acronyms (cont.)

pCi/g	Picocuries per Gram
pCi/L	Picocuries per Liter
QA	Quality Assurance
QAP	Quality Assurance Plan
QC	Quality Control
RBC	Risk-Based Concentration
RPD	Relative Percent Difference
RSL	Regional Screening Level
Shealy	Shealy Environmental
SPAF	Sample Plan Alteration Form
START	Superfund Technical Assessment and Response Team
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TDD	Technical Direction Document
TDL	Target Distance Limit
TWCA	Teledyne Wah Chang Albany
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1 Introduction

Ecology and Environment, Inc., (E & E) was tasked by the United States Environmental Protection Agency (EPA) to provide technical support for completion of Preliminary Assessments (PAs) at several properties in West Salem in Salem, Oregon. E & E completed PA activities under Technical Direction Document (TDD) Number 13-04-0002, issued under EPA, Region 10, Superfund Technical Assessment and Response Team (START) Contract Number EP-S7-06-02 and TDD 13-09-0016, issued under EPA, Region 10, START-IV Contract Number EP-S7-13-07.

The specific goals for the West Salem PAs, identified by the EPA, are to:

- Determine the potential threat to public health or the environment posed by the sites;
- Determine the potential for a release of hazardous constituents into the environment; and
- Determine the potential for placement of the site on the National Priorities List (NPL).

Completion of the PAs included reviewing existing site information, collecting receptor information within the range of site influence, determining regional characteristics, and conducting a site visit and a limited sampling event. To help contextualize the facilities under study during this effort, the introductory sections of this report describe the general/common development and land use in the area of and surrounding the sites. The following subsections provide details regarding site-specific features, use history, and similar data for each individual site.

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2 Site Background

2.1 Site Location

Site Name:	West Salem Preliminary Assessments
CERCLIS ID Number:	Various
Site Address:	Various
Latitude:	44.9521876 (Approximate center of site)
Longitude:	-123.066836 (Approximate center of site)
Legal Description:	Various
County:	Polk County
Congressional District:	5th Congressional District
Site Owner(s):	Various
Site Operator(s):	Various

2.2 Site Description

The West Salem PAs site (Figure 2-1) includes several locations that are being investigated in response to petitions submitted by local residents concerned about multiple occurrences of osteosarcoma (a rare form of bone cancer) in the West Salem area of Oregon.

This assessment focused on five different properties in the area: Walker Middle School, West Salem High School, Wallace Marine Park, Orchard Heights Park, and the 7th and Patterson Ballfields, and included sampling at a Minto-Brown Island Park to represent background conditions (Figure 2-2). These properties were selected for inclusion in the West Salem PAs study during discussions that took place between the EPA, parents of the children who contracted osteosarcoma, and other interested parties. Locations selected for this assessment were identified as places where the children had frequented.

These sites are all located within an approximately 1.75-square-mile area on the west side of the Willamette River. Three of the properties (Walker Middle School, Wallace Marine Park, and 7th and Patterson Ballfields) are located at a lower relative elevation, within the ancestral alluvial flood plain of the Willamette River. The two remaining sites (West Salem High School and Orchard Heights Park) are located in upland areas of West Salem. Land use in the vicinity of all of these sites is a mix of light industrial/commercial and residential, with the light-industrial/commercial usage typically located in the lower elevation alluvial plain area.

The Willamette River is the predominant surface water feature within the study area, running through Salem and eventually discharging to the Columbia River approximately 80 miles downstream. Glenn Creek, a small tributary of the Willamette River, has head waters in the vicinity of West Salem High School, and from that source runs through various residential neighborhoods, transects Orchard Heights Park, and discharges to the Willamette River approximately 2.7 miles north of Orchard Heights Park, at a location approximately 3.2 river miles north of Wallace Marine Park.

2.3 Ownership and Development History

In all but one case, sites included in this project are owned and operated by public agencies. These include two sites owned by the Salem-Keizer School District (Walker Middle School and West Salem High School) and two sites owned by the City of Salem Parks Department (Wallace Marine Park and Orchard Heights Park). The fifth site is currently owned by KFP Investment LLC (7th and Patterson Ballfields) (PCA 2012a, 2012b, 2012c, 2013a, 2013b).

2.4 Operations and Waste Characteristics

As discussed above, the sites targeted by this assessment include two public parks (Wallace Marine and Orchard Heights Parks), two public schools (Walker Middle and West Salem High Schools), and community used baseball fields located on privately owned land (7th and Patterson Ballfields). With the exception of the 7th and Patterson Ballfields property, none of the sites are currently or historically associated with industrial or commercial operations or ownership. The 7th and Patterson Ballfields are located on a portion of a parcel that is currently used by a precision machining business (Hanard Machine) and was historically used by a textile/manufacturing businesses(Asten-Hill) (EDR 2012, 2013a, 2013b, 2013c, 2013d; Carter 2013; PCA 2012a, 2012b, 2012c, 2013a, 2013b). No industrial/commercial use of the ballfields has been documented.

Based on historic aerial photographs, the park and school properties generally appear to have been used as agricultural land and/or were residentially occupied prior to their current uses (EDR 2012, 2013a, 2013b, 2013c, 2013d). Prior to construction of Walker Middle School, that property appears to have been developed with athletic fields (SKPS 1959). Aerial photographs depict baseball fields at their present location on the 7th and Patterson site through at least 1950; no industrial use, disposal, or storage activities were observed on the ballfields in these photographs (EDR 2013a).

2.4.1 Geology/Hydrogeology

The Willamette Valley is a structural depression with hills of moderate relief separating broad alluvial flats. The valley lies between the Cascade Range and the Coast Range and extends from the Portland Basin southward to a point near the city of Cottage Grove. The Willamette Valley consists of numerous terraces and reworked floodplains, primarily of Pleistocene and more recent age. Regional geology within the alluvial flats consists of a stratigraphic sequence of largely Quaternary sediments and flow deposits associated with the Willamette

River and its tributaries. These deposits overlie older parent materials, including Cascade volcanic rocks and Columbia River Basalts (TechLaw 2011).

Regarding the specific sites included in this assessment, the Walker Middle School, Wallace Marine Park, 7th and Patterson Ballfields, and background sampling location (Minto-Brown Island Park, shown on Figure 2-2) are all situated within the alluvial flats of the Willamette River basin. The remaining sites (Orchard Heights Park and West Salem High School) are located on uplifted areas of local basement rock formations (Cascade volcanic rocks and Columbia River Basalts) (Beja 1981). In general, the sites in the alluvial flats are located at approximately 120- to 140-feet above sea level, in a topographic regime that slopes down towards the Willamette River. The Orchard Heights Park and West Salem High School sites are located approximately 160- to 200-, and 380- to 450-feet above sea level, respectively (USGS 2011).

In the Willamette Valley, surficial basin deposits include alluvium and flood deposits often grouped together and commonly referred to as the "over-bank deposits." Ground water is typically encountered in the "over-bank" units as an unconfined aquifer (TechLaw 2011). The over-bank deposits consist of approximately 15 to 20 feet of silt/clayey silt overlying sands, gravels, and some cemented gravels (Troutdale Formation) to a depth of greater than 100 feet. Columbia River basalts underlie the Troutdale Formation, and are generally encountered at 300 to 400 feet below ground surface (bgs) in this area (TechLaw 2011).

2.4.2 Drinking Water Sources

The Oregon Water Resource Department well logs for wells in the area indicate that the main water-bearing zone for domestic use is from 30 feet to 60 feet bgs, and the main water-bearing zone for industrial and municipal supply is from 100 feet to greater depths bgs. While non-continuous lenses of silts and clays are likely present within the sands and gravels and may locally affect the vertical hydrologic gradient, no significant aquitard or low permeability zone separates the shallow sands and gravels from the deeper, higher yield gravel zones (TechLaw 2011).

While some legacy wells are expected to provide drinking water to select residences in West Salem, the City of Salem provides the vast majority of the residential drinking water supply. This water is obtained from intakes on the Santiam River, approximately 19 miles southeast of the site, a location that would not be influenced by environmental conditions in the West Salem area (Salem 2012).

In accordance with the Safe Drinking Water Act, the City of Salem conducts ongoing monitoring of drinking water quality. Parameters tested include inorganic, microbiological, radioactive, and other disinfection (i.e., chlorination) related constituents. During this testing, the water district collects samples from the Geren Island Treatment Facility, the water distribution network, and from end

user locations (i.e., taps). According to the 2012 water quality report, none of the parameters tested for were present at concentrations in excess of the EPA's published Maximum Contaminant Levels (MCLs) (Salem 2012).

With respect to testing for radioactive constituents, one sample was collected by the water district from the "backup" drinking water supply well located in the West Salem area and analyzed for the presence of total radium. Radium levels in this well were 0.26 picocuries per liter (pCi/L), well below the EPA's MCL of 5 pCi/L. In addition, although this well is a part of the City of Salem's system, the well is not used since the surface water source provides ample supply (Salem 2012).

2.5 Previous Investigations

In cooperation with the Oregon Health Authority, Dr. Scott Burns at the Geology Department of Portland State University has lead efforts to compile data on radon testing conducted in the State of Oregon. This work grouped available radon testing results by zip code. The potential radon hazard in the zip codes was evaluated using the maximum test result, average test result, and the percentage of tests that exceeded 4 pCi/L; these data points were then evaluated by rank sum distribution analysis which was used to assign radon exposure risk in a given zip code as a low, moderate, or high potential rating (Burns 2013b). Based on these evaluations, the short-term test results (i.e., less than 90 days) characterize the West Salem zip code as having a "high" radon hazard, though the long-term test results (i.e., 91 days to 1 year) characterize the area as having a moderate radon hazard (Burns 2013a). A summary of radon test results for zip codes in the vicinity of the study area is included as Table 2-1.

During a telephone conversation between the START and Dr. Burns seeking clarification on the methodology used in evaluating the relative radon exposure risk, Dr. Burns theorized that the higher levels may relate to exposed areas of sedimentary rock derived landslide deposits encountered in the West Salem area (Burns 2013b). Such deposits are located on the south-southwest side of the West Salem hills (Beja 1981), within unincorporated areas of Polk County zoned for farm use or low-density (one residence per 5 acre) development (Polk 2008). No further study of this theory was readily apparent in the literature.

Given the history of these sites, the properties included in this assessment have not been the target of significant environmental investigatory review in the past. In preparing this report, the property owners provided available background documentation on individual sites. To supplement this information, an environmental database report was generated for each facility. These database reports included searches of the same databases and target radii as would be used in an All Appropriate Inquiries/ASTM-1527-05 compliant Phase I Environmental Site Assessment. In addition, historic aerial photographs and Sanborn Fire Insurance Maps (as available) were obtained from the database provider. Printed copies of the historic aerial photographs and maps are included in Appendix B of

this report. Electronic copies of the database reports have been provided on a CD included with this report.

More specific information on the environmental databases reports generated and a review of reports available for each site are included in site-specific sections presented as Sections 7 through 11 of this report.

2.6 START Site Visit and Community Meetings

Between February 25, 2013 and February 27, 2013, the START and EPA staff conducted site visits at the Walker Middle School, West Salem High School, Orchard Heights Park, and 7th and Patterson Ballfields sites included in this PA. (Note: Wallace Marine Park was later added to the list of PAs based on input provided by community members at public meetings.) EPA/START staff was accompanied by property owners/representatives at all but the Orchard Heights Park site. For information relating to site visits and observations, please refer to Sections 7 through 11 that follow within this report.

In addition, on the afternoon and evening of February 26, 2013 city, county, state, and federal governmental parties held two community meetings. These meetings were meant to provide an opportunity for community members to learn about the preliminary assessments to provide feedback on the proposed work. Governmental agency representatives included:

- Anthony Barber, EPA, Director, Oregon Operations Office;
- Joanne LaBaw, EPA, Site Assessment Manager;
- Jae Douglas, Oregon Health Authority, Administrator, Center for Prevention and Health Promotion;
- Katrina Hedberg, Oregon Health Authority, State Epidemiologist;
- Randy Phillips, Polk County Public Health, Public Health Manager;
- Mike Gotterba, City of Salem, Public Information Officer; and
- Mike Wolf, Salem-Keizer School District, Chief Operations Officer,

Members of the audience included the parents of several children that had developed osteosarcoma, state and local elected officials, reporters from Salem/Portland area print and broadcast media, local business owners and representatives, and concerned citizens.

EPA provided a brief description of the approach to be taken during the EPA's PAs. In addition, representatives from Oregon Health Authority discussed how cancer occurrences are tracked by the State of Oregon, and how these data are used by the State to identify areas where additional epidemiological study may be warranted. Oregon Public Health officials also answered questions from community members concerning radon gas levels in the community.

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3 Field Activities and Analytical Protocol

A Quality Assurance Plan (QAP) for the West Salem PAs was developed by the START prior to field sampling (E & E 2013). The QAP described the sampling strategy, sampling methodology, and analytical program to be used to investigate potential hazardous substance sources and potential targets in the area.

In general, PA field activities were conducted in accordance with the approved QAP; however, there were several deviations, including: a reduction in the number of samples collected from the Walker Middle School property; adding sample collection at the West Salem High School property; and adding more analytes to the project analytical scope. These deviations are documented in the Sample Plan Alteration Forms (SPAFs) provided in Appendix C. All deviations to the SQAP were pre-approved by the EPA Site Assessment Manager during the field sampling event. The site-specific deviations are explained in the individual property sections that describe site work.

In addition, based upon comments provided by an environmental advocate interested in this project, the EPA elected to submit certain samples for analysis of select total recoverable rare/exotic metals. These constituents included titanium, zirconium, niobium, tantalum, hafnium, and tungsten. As these analytes are not typically considered in standard toxicological/risk based assessments, the EPA's Manchester Environmental Lab (MEL) developed specific methods to test for their presence and concentration.

The field sampling event for the PAs was conducted from June 10, 2013 through June 14, 2013. A total of 45 samples, including background samples, were collected for the PAs. Sample types and methods of collection are described below. A list of all samples collected for laboratory analysis for the West Salem PAs is contained in Table 3-1. Chain-of-custody forms, laboratory data sheets of analytical results, and data validation memoranda for all samples are provided in Appendix D.

Alphanumeric identification numbers applied by the START to each sample location (e.g., OH01SS) are used in this report as the sample location identifiers. Table 3-2 summarizes the sample coding system used for formulating sample numbers. For example, the sample number OH01SS indicates the following:

- OH for the source code (in this case, Orchard Heights Park);

- 01 for the sequential number of samples from a given source area by matrix (in this case, the first soil sample from Orchard Heights Park); and
- SS for the sample matrix (in this case, surface soil).

This section describes sampling methodology, analytical protocol, global positioning system (GPS) coordinates, and investigation-derived waste (IDW).

3.1 Sampling Methodology

All PA samples were stored on ice in coolers continuously maintained under the custody of START personnel. Sampling methods used for each sample type are described below.

3.1.1 Gamma Field Screening

Field screening was performed at all target properties included in this sampling event. This screening utilized a Ludlum™ Model 44-2 probe and a Ludlum™ Model 2241-2 rate meter set to relay gamma activity data in kilo-counts per minute to a Viper data logging system. The Viper system receives simultaneous inputs from the Ludlum™ meter and a co-located GPS data logger. These collocated data are then wirelessly transmitted to a field computer that records, compiles, and uploads the data to project-specific website for data presentation and visualization (EPA 2013).

The Viper unit, Ludlum™, and GPS link set-up used a wheeled cart for field screening activities. Screening was performed by walking this cart across select areas of each site at predetermined transect intervals, ranging from approximately 25 to 50 feet. Prior to performing transects, operational checks were performed on the Ludlum™ using a Cesium-137 check source. Photographs of a typical gamma-screening transect and the associated equipment set-up are included in Appendix A, Sampling Photos 34 and 35.

3.1.2 Soil and Sediment Sampling

Surface soil and sediment were collected from 0 to 6 inches deep using dedicated stainless steel spoons. Due to the density of the ground surface, several soil samples required the use of a non-dedicated hand pick to break up the ground surface prior to sample collection. The hand pick was decontaminated prior to use and between all subsequent sample locations using distilled de-ionized water and Alconox. One or more soil samples from each property were collected from soils underlying the gamma screening transects.

Collected material was placed in a dedicated stainless steel bowl. Grass, leaves, and other vegetative material, as well as rocks and other debris unsuitable for analysis, were removed from samples; sediment and other samples with high-moisture content were decanted, as necessary, then thoroughly homogenized, and placed into pre-labeled sample containers.

3.2 Analytical Protocol

Analytical protocols applied to the PA samples included the following off-site fixed laboratory analysis (see Table 3-1 for a detailed summary of analyses applied to individual samples):

- **Pesticides/Polychlorinated Biphenyls (PCBs):** Thirty-nine samples were submitted for pesticide and PCB analysis using EPA Method SOM01.2, which includes analysis by SW-846 8082. The samples were submitted to Shealy Environmental (Shealy), an EPA Contract Laboratory Program (CLP) laboratory located in West Columbus, South Carolina.
- **Semivolatile Organic Compounds (SVOCs):** Thirty-nine samples were submitted for SVOCs analysis using EPA Method SOM01.2 SIM or SW-846 8270 methodology. All of the samples were submitted to Shealy.
- **Target Analyte List (TAL) Metals plus Mercury and Molybdenum:** Thirty-nine samples were submitted for TAL metals analysis using EPA Method ISM01.2 or SW-846 6000 methodology. All of the samples were submitted to A4 Scientific, an EPA CLP laboratory, located in The Woodlands, Texas.
- **Gamma Spectrometry with 21-day Ingrowth:** Twenty-six samples were submitted for gamma spectrometry analysis by NAREL-GAM-01 methodology (similar to EPA 901.0). The 21-day ingrowth part of the method involves sealing the samples tightly for a 21-day period to allow any natural radon gas to collect and decay through several half-lives (radon-222 gas has a half-life of 3.8 days), thereby reaching equilibrium with daughter radionuclides lead-214 and bismuth-214, which can be used to approximate the radium-226 content of the sample. The method also allows for ingrowth of actinium-228 from radium-228 so that the actinium-228 activity can be used to approximate the radium-228 content of the sample. All samples were submitted to the National Analytical Radiation Environmental Laboratory (NAREL), located in Montgomery, Alabama.
- **Gross Alpha and Beta:** Twenty-six samples were submitted to be analyzed for gross alpha and beta using method NAREL-GR03. All samples were submitted to NAREL.
- **Select Radionuclides (Plutonium, Uranium, Americium, Thorium, and Strontium):** Twenty-six samples were submitted to be analyzed for individual radionuclides by extraction chromatography. All samples were submitted to NAREL.
- **Rare/Exotic Metals (Tungsten, Titanium, Hafnium, Tantalum, Zirconium, and Niobium):** Twenty-two samples were submitted for analysis by EPA Method 3050B/200.8/6020 for total recoverable rare/exotic metals. These samples were sent to the EPA's Manchester Environmental Laboratory (MEL) located Manchester, Washington. It should be noted that due to the relatively inert nature of these metals, this data is for recoverable rather than total metals, and many/most sample results include a low-bias.

3.3 Global Positioning System

GPS coordinates for individual sample points were collected using a Trimble™ Geo XH handheld unit. Recorded GPS coordinates by sample point are listed in Appendix E. The GPS coordinates obtained in the field for four samples (WM01SD, OH01SD, OH03SD, and OH05SS) were not sufficiently accurate to use in mapping. The positions of these samples were estimated from field knowledge of their locations relative to site features, and the coordinates for these positions were obtained from GoogleEarth™.

Sample locations for gamma field screening efforts were recorded using the GPS link of the Viper system. Given the large number of screening locations for which this screening/Viper data were collected, these locations are not provided in this report, but rather are graphically displayed on figures included with this report.

3.4 Investigation-Derived Waste

IDW generated during the sampling effort for the PAs included disposable personal protective clothing and dedicated sampling equipment. IDW generated during field activities was rendered unusable by tearing (when appropriate), bagged in opaque plastic garbage bags, and disposed of at a municipal landfill. Recyclable field supplies (cardboard, stainless steel bowls, and stainless steel spoons) were separately bagged and recycled at the EPA's warehouse in Seattle, Washington.

4 Quality Assurance/ Quality Control

Quality assurance (QA)/quality control (QC) data are necessary to determine precision and accuracy and to demonstrate the absence of interferences and/or contamination of sampling equipment, glassware, and reagents. Specific QC requirements for laboratory analyses are incorporated in the *Contract Laboratory Program Statement of Work for Organic Analyses* (EPA 2007) and the *Contract Laboratory Program Statement of Work for Inorganic Analyses* (EPA 2011b). These QC requirements or equivalent requirements found in the analytical methods were followed for analytical work on the project. This section describes the QA/QC measures taken for the project and provides an evaluation of the usability of data presented in this report.

Data from the CLP laboratories were reviewed and validated by EPA chemists. Data from the EPA radiation laboratory were reviewed by EPA personnel at the laboratory. Data qualifiers and labels were applied, as necessary, according to the following guidance:

- EPA (2008) USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review;
- EPA (2009) Guidance for Labeling Externally Validated Laboratory Data for Superfund Use; and
- EPA (2010) USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review.

In the absence of other QC guidance, method- and/or SOP-specific QC limits were also utilized to apply qualifiers to the data.

4.1 Satisfaction of Data Quality Objectives

The following EPA (EPA 2000) guidance document was used to establish data quality objectives (DQOs) for this project:

- *Guidance for the Data Quality Objectives Process* (EPA QA/G-4), EPA/600/R-96/055.

The EPA Site Assessment Manager determined that definitive data without error and bias determination would be used for the sampling and analyses conducted during the field activities. The data quality achieved during the field work produced sufficient data that met the DQOs stated in the QAP (E & E 2013a). A

detailed discussion of accomplished project objectives is presented in the following sections.

4.2 QA/QC Samples

Trip blank QA samples are only required for volatile organic compound (VOC) analyses and were not collected for this project. Rinsate blank QA samples were collected for each of the 20 samples using non-dedicated sampling equipment. QC samples included matrix spike/matrix spike duplicate (MS/MSD) and/or blank spike (BS) samples at a rate of one MS/MSD and/or BS per 20 samples per matrix.

4.3 Project-Specific Data Quality Objectives

The laboratory data were reviewed to ensure that DQOs for the project were met. The following sections describe the laboratories' and/or field team's abilities to meet project DQOs for precision, accuracy, and completeness, and the field team's ability to meet project DQOs for representativeness and comparability. The laboratories and the field team were able to meet DQOs for the project.

4.3.1 Precision

Precision measures the reproducibility of the sampling and analytical methodology. Laboratory and field precision is defined as the relative percent difference (RPD) between duplicate sample analyses. The laboratory duplicate samples or MS/MSD samples measure the precision of the analytical method. The RPD values were reviewed for all commercial laboratory samples. No sample results were qualified based on precision outliers; therefore, the project DQO for precision was met.

4.3.2 Accuracy

Accuracy indicates the conformity of the measurements to fact. Laboratory accuracy is defined as the surrogate spike percent recovery (%R) or the MS/MSD/BS %Rs for all laboratory analyses. The surrogate %R values were reviewed for all appropriate sample analyses. A total of five sample results (approximately 0.1% of the data) were qualified as estimated quantities (J) based on surrogate outliers.

The %R values were reviewed for all MS/MSD/BS analyses. A total of 76 sample results (approximately 1.3% of the data) were qualified as estimated quantities (J) based on MS/MSD/BS outliers; therefore, the project DQO for accuracy of 90% was met.

4.3.3 Completeness

Data completeness is defined as the percentage of usable data (usable data divided by the total possible data). All laboratory data were reviewed for data validation and usability. No sample results were rejected (R); therefore, the project DQO for completeness of 90% was met.

4.3.4 Representativeness

Data representativeness expresses the degree to which sample data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point or environmental condition. The number and selection of samples were determined in the field to accurately account for site variations and sample matrices. The DQO for representativeness was met.

4.3.5 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared to another. Data produced for this site followed applicable field sampling techniques and specific analytical methodology. The DQO for comparability was met.

4.4 Laboratory QA/QC Parameters

The laboratory data also were reviewed for holding times/temperatures/sample containers, laboratory blank samples, serial dilution analyses, and rinsate blanks. These QA/QC parameters are summarized below.

4.4.1 Holding Times/Temperatures/Sample Containers

All holding times, sample temperatures, and containers were acceptable.

4.4.2 Laboratory Blanks

All laboratory blanks met the frequency criteria. The following potential contaminants of concern were detected in the laboratory blanks:

- **Inorganics**: Aluminum, antimony, arsenic, beryllium, cadmium, chromium, lead, molybdenum, mercury, selenium, silver, sodium, thallium, and vanadium.

See the data validation memoranda for results qualified based on blank contamination (Appendix D).

4.4.3 Serial Dilution Analyses

Serial dilution analyses met the frequency criteria. A total of 389 sample results (approximately 6.5% of the data) were qualified based on serial dilution outliers.

4.4.4 Rinsate Blanks

Rinsate blank analyses were performed at a frequency of one per 20 samples collected using non-dedicated sampling equipment (surface soil samples). There were no detections in the rinsate blank radiochemical analyses that exceeded the minimum detectable concentration; therefore, no qualifications were applied to the associated radiochemical results. Beta-BHC (0.0072 JQ micrograms per liter [µg/L]), chromium (0.11 JQ µg/L), and magnesium (0.1 JQ µg/L) were detected in the rinsate blank. None of these analytes were detected at elevated concentrations in the surface soil samples; therefore, no qualifications were applied to these associated sample results.

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5 Analytical Results Reporting

This section describes the reporting methods applied to analytical results presented in this report.

5.1 Analytical Results Evaluation Criteria

Analytical results presented in the summary tables included at the end of this report show all analytes detected above laboratory detection limits in bold type. Analytical results indicating elevated concentrations of contaminants in source samples and target samples (i.e., surface soil and sediment) with respect to background concentrations are shown underlined/bold type.

Background concentrations are based on the analysis of samples collected at Minto-Brown Island Park. Based on its location upriver from both Wallace Marine Park and current and former industrial facilities, and the absence of reported industrial use of the park, Minto-Brown Island Park was interpreted to have a low probability of being influenced or impacted by contaminants that may be present in the study area. For the purposes of this investigation, elevated concentrations of inorganic and organic constituents are those concentrations that are:

- Equal to or greater than the sample's Contract Required Quantitation Limit (CRQL) or the Sample Quantitation Limit when a non-CLP laboratory was used; and
- Equal to or greater than the background sample's CRQL or Sample Quantitation Limit when the background concentration was below detection limits; or
- At least three times greater than the background concentration when the background concentration equals or exceeds the detection limits.

For the purposes of this investigation, elevated concentrations of naturally occurring or otherwise environmentally ubiquitous radionuclides are those concentrations that are:

- Equal to or greater than the sample's CRQL or, in this case, the laboratory's Minimum Detectable Concentration; and
- At least two standard deviations above the project-specific mean background level. To allow for the calculation of mean background levels, four sediment and soil samples were collected from the background site for radiological analysis. The mean background activity levels and associated standard

deviation calculations for each radionuclide are included in Tables 6-3 and 6-6.

The radionuclides detected in samples collected for this report are naturally occurring, with the exception of cesium-137. Cesium-137 is ubiquitous in the environment at low levels primarily from man-made sources. It should also be noted that gross alpha and gross beta are tests that measure general alpha and beta radiation from any source, both natural and man-made.

It is recognized that the above criteria for determining elevated concentrations of radionuclides is very conservative. In response to this concern, EPA and START corresponded with a Health Physicist at the Oregon Health Authority regarding radiation exposure and dosage risk. This is further discussed in Section 5.2. This report will focus discussions on the sampling results, with regard to health-based criteria.

Finally, gamma screening results at each target site were compared to gamma data obtained during field screening at the background site (Minto-Brown Island Park). For the purposes of this report, individual screening results (i.e., each gamma activity count reading) were compared to the mean background gamma activity level measured in gamma screening transects at Minto-Brown Island Park. Any single reading at a target location that was greater than two times the mean background gamma level would have been elevated. It should be noted that the gamma screening data generated during this assessment is considered provisional, and was generated with the expressed intent to provide broad level comparison of the properties under study, rather than form the basis for decisions regarding site conditions.

The analytical results summary tables provided in this report are a condensed version of the laboratory data. Data validation memoranda and laboratory data sheets will be included as Appendix D. The presentation of data in the analytical summary tables are as follows:

- Analytes that were not present in any sample above their CRQL or minimum detectable concentration were omitted from their respective tables;
- All detected concentrations are shown in bold type; a non-detect concentration is shown as the detection limit reported by the laboratory (e.g., 0.66 U);
- The background concentrations and regulatory cleanup levels are provided in the first columns of the tables;
- Concentrations meeting the elevated definition are underlined.

Based on EPA Region 10 policy, evaluation of aluminum, calcium, iron, magnesium, potassium, and sodium (i.e., common earth crust metals) is generally used in mass tracing, which is beyond the scope of this report. Furthermore, these analytes are not associated with toxicity to humans under normal circumstances (EPA 1996). For these reasons, these analytes are not included in the evaluation,

but are provided in the analytical summary tables if they were detected above the instrument detection limit.

5.2 Regulatory Standards

Although not typically part of a PA investigation, soil and sediment sample results for organic and inorganic constituents in this investigation will be compared to the Risk Based Concentrations (RBCs) promulgated by the Oregon Department of Environmental Quality (ODEQ) as a cleanup value for the surface soil direct contact pathway in a residential scenario. The values presented in ODEQ's RBC tables have been developed based on contaminated media, exposure pathway, and receptor scenario.

In the event that an analyte has no available RBC, the sample result was compared to the EPA Regional Screening Level (RSL) (EPA 2011a). These screening levels are risk-based concentrations derived from equations combining exposure information assumptions with EPA toxicity data. They are developed in accordance with the EPA soil screening guidance and are based on future residential land use assumptions and related exposure scenarios (EPA 1996).

As ODEQ has not developed RBCs for sediments, the residential soil values were conservatively applied to these samples for comparison.

Metals and other inorganic elements occur naturally in soil and other matrices, such as ground water and sediment. The ODEQ has determined that default background concentrations for inorganic contaminants can be used, at the discretion of the ODEQ, for sites where site-specific background metals concentrations are not known. Therefore, the default background concentrations of certain metals have also been included in summary tables.

Similar to radionuclides, discussion of organic and inorganic constituents within this report will also be based on a comparison to these RBC or RSL values.

Finally, as no RBCs or RSLs have been developed for radionuclides the START corresponded with a Health Physicist at the Oregon Health Authority regarding radiation exposure and dosage risk. Oregon maintains a whole body radiation dose limit equivalent to 25 millirem (mrem) above background levels (OAR 333-117-0120).

Additionally, 40 Code of Federal Regulations (CFR) 192 includes soil cleanup guidance for several radionuclides (radium-226, radium-228, etc.) that specifies a residual activity from a combination of radium-226 and radium-228 of less than 5 picocuries per gram (pCi/g) for surface soils. That said, the guidance provided in 40 CFR 192 is not an enforceable statute and was developed to address a very specific exposure route (i.e., exposure from inhalation of radon decay products and/or exposure to gamma radiation in houses built on land covered with radionuclide contaminated tailings from uranium mining sites). For this reason,

this value does not have direct applicability for this PAs evaluation, but may provide a broad point of comparison for radionuclide results.

Regulatory standards to be applied to soil samples collected for this project are presented in Table 5-1, as well as included in the first columns of the analytical summary tables.

6 Minto-Brown Island Park (Background Location)

6.1 Site Location

Site Name:	Minto-Brown Island Park
CERCLIS ID Number:	N/A
Site Address:	2200 Minto Island Road SW, Salem, Oregon
Latitude:	44.924535 (Approximate center of farm field)
Longitude:	-123.072214 (Approximate center of farm field)
Legal Description:	Township 7S, Range 3W, Section 32, Marion County Tax Lot Numbers 073W3200100, 073W33A00200, 073W3200600 (Approximate area of farm field)
County:	Marion County
Congressional District:	5th Congressional District
Site Owner(s):	City of Salem
Site Operator(s):	Salem Parks Department
Site Contact(s):	Kacey Duncan, Deputy City Manager, City of Salem, Oregon 555 Liberty Street SE/Room 220 Salem, Oregon 97301

6.2 Site Description

Minto-Brown Island Park includes approximately 889 acres of land situated along the Willamette River at a location that is upstream of the downtown core of Salem, Oregon and Wallace Marine Park (Figure 2-2). The park includes wooded and cleared areas transected by paved and unpaved recreational paths, play equipment, a dog park area, and picnic tables and benches (Figure 6-1). Prior to its use as a park, the site had been owned by Isaac Brown and John Minto who raised livestock, farmed, and/or lived on the parkland (Salem 2013a). (Figure 2-2).

Minto-Brown Island Park was selected as a location that would be representative of background conditions due to its location upriver from current and former industrial facilities and Wallace Marine Park, the absence of reported industrial use of the park, and the low probability of being influenced or impacted by contaminants that may be present in the study area. Selection of this location as

the representative "background" location had not occurred at the time of the preliminary site reconnaissance work; therefore, the START did not conduct a site visit at this property prior to sampling activities.

6.3 Geologic Features

Surficial geology beneath Minto-Brown Island Park site is comprised of recently deposited river alluvium. The alluvium includes unconsolidated cobbles, coarse gravel, sand, and some silt and clay. The alluvium is generally 15 to 45 feet thick and consists of stratified sands and well-rounded pebbles, gravels, and cobbles (Beja 1981).

6.4 PA Sampling

Soil and sediment samples were collected from two principal locations at the Minto-Brown Island Park property:

- Soil samples were collected from an upland "farm field" area of the property; and
- Sediment samples were collected along the Willamette River.

The farm field area was also field screened for gamma radiation using the Viper system. Figure 6-2 depicts soil and sediment sample locations across the PA study area. Figure 6-3 depicts soil and sediment sample locations specific to Minto-Brown Island Park. Figure 6-4 depicts the approximate alignment of transects with the Viper unit and range of gamma detections. All field work at the Minto-Brown Island Park site occurred on June 10, 2013.

At the suggestion of NAREL representatives, all four soil and sediment samples were analyzed for radiological constituent classes (gross alpha, gross beta, gamma spectrometry, and individual radionuclides). One soil and sediment sample from Minto-Brown Island Park was submitted for organic and inorganic constituents analysis (i.e., metals, pesticides, PCBs, SVOCs).

6.4.1 Gamma Radiation Field Screening

Gamma radiation field screening was conducted in a 100-foot by 200-foot area within a farm field on the property. Screening in this area proceeded on 25-foot transect intervals with alignment roughly northeast to southwest. Figure 6-4 depicts the transect alignments and corresponding screening results. A summary of gamma screening readings is included in Table 6-1.

6.4.2 Surface Soil Samples

Four soil samples (BG01SS through BG04SS) were collected from the Minto-Brown Island Park property to characterize "background" conditions in the PAs study area (Appendix A, Sampling Photos 1 to 4). These samples were all collected from within the area of the Viper transects. All four samples were submitted for analysis of radiological constituents. Sample BG02SS was submitted for organic and inorganic constituents. The background sample results are included in the first column(s) of Tables 6-2, 6-3, and 6-4.

6.4.3 Sediment Samples

Four sediment samples (BG01SD through BG04SD) were also collected from the Minto-Brown Island Park property to characterize "background" conditions in the PAs study area (Appendix A, Sampling Photos 5 to 8). These samples were collected at various locations along the Willamette River shoreline. Similar to the background soil samples, all four samples were submitted for analysis of radiological constituents. Only sample BG03SD was submitted for organic and inorganic constituents. The background sample results are included in the first column(s) of Tables 6-5, 6-6, and 6-7.

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7 Walker Middle School

7.1 Site Location

Site Name:	West Salem Area, Walker Middle School
CERCLIS ID Number:	ORN001003086
Site Address:	1075 8th Street NW, Salem, Oregon
Latitude:	44.947646 (Approximate center of site)
Longitude:	-123.059948 (Approximate center of site)
Legal Description:	Township 7S, Range 3W, Section 2, Polk County Tax Lots 7321AC1700, 7321DB100, 7321DB18200, 7321BD1801, 7321BD1902, and 7321AC802
County:	Polk County
Congressional District:	5th Congressional District
Site Owner(s):	Salem-Keizer School District
Site Operator(s):	Salem-Keizer School District
Site Contact(s):	Michael D. Wolfe, Chief Operations Officer Salem-Keizer Public Schools 2450 Lancaster Drive NE Salem, Oregon 97305

7.2 Site Description

The Walker Middle School site includes six tax lots and approximately 15.3 acres of land that are developed with the middle school buildings, an assortment of athletic playfields, and vehicular infrastructure including driveways and parking lots (Figure 7-1). A city-operated swimming pool is also located on the property; however, the pool has been closed in the recent past as a result of city budget shortfalls.

Surrounding property is predominantly residential, with single- and multi-family dwellings constructed north, south, and west of the site. Industrial/commercial development is located to the east-southeast. The nearest businesses include a boat storage/repair company, a transmission repair shop, and Hanard Machine which provides precision machining work (Figure 7-2). An additional machine shop and a steel sales and processing business are located further to the southeast. Until the mid- to late-1990s, Gould Battery had been located on the south side of the steel business (Figure 7-2) (EDR 2012). The Willamette River is located

approximately 0.45 mile south-southeast of the Walker Middle School site (Figure 7-2).

7.3 Geologic Features

Surficial geology beneath the Walker Middle School site is characterized as high-terrace deposits that include semi-consolidated light-brown sand, silt, and clay ranging from 3 to 15 feet thick. These deposits are typical for many terraced areas adjacent to sedimentary bedrock foothills in the study area. Such bedrock foothills are present on the northern margin of the site and form much of the upland area within the West Salem study area. In general, the high-terrace deposits are mantled by moderately well-drained and well-drained silt loam soils (Beja 1981).

In 1993, geotechnical investigation work at the site by Foundation Engineering (FE) included four exploratory boreholes advanced to a maximum depth of 46.5 feet bgs. These boreholes revealed a similar material profile as described above, with 2 to 4 feet of brown gravelly or rocky silt (interpreted as fill), followed by approximately 14 feet of grey, very moist, soft silt, with lenses of fine sand. Below 19 feet bgs, the silt became a saturated, low-density sandy material. Fractured basaltic bedrock was encountered at between 25 and 29 feet bgs, and extended to the lowest depths of exploration (FE 1993).

During drilling activities, FE encountered ground water at approximately 15 feet bgs. As drilling occurred during the dry season, and given observed rust staining noted at shallower depths, FE anticipated ground water may reach to within several feet of the ground surfaces during wetter seasons (FE 1993).

7.4 Soil Exposure Pathway

The soil exposure pathway is evaluated based on the threat to residents, nearby residents, students, and workers from soil contamination within the first 2 feet of the ground surface and within one mile of the source of contamination. Approximately 10,972 people reside within one mile of Walker Middle School, with an additional 951 students attending Walker Middle School or Myers Elementary School, which are both within the one-mile distance ring. Populations by distance ring within one mile of Walker Middle School are as follows.

Distance Ring	Population	Students	Total Population
0 to ¼ mile	1,211	Walker Middle School: 530	1,741
¼ to ½ mile	2,774	0	2,774
½ to 1 mile	6,987	Myers Elementary School: 421	7,408
		Total Population within One Mile	**11,923**

Sources: Zawistoski 2013b; ODOE 2013

Walker Middle School is not used for commercial agriculture or silviculture, livestock production, or livestock grazing. Further, no terrestrial sensitive environments occur at the school. The school is accessible and used for recreation during school hours and during after school programs.

7.5 Surface Water Migration Pathway

As discussed in the previous geologic section, the site is located on a generally flat alluvial plain; a steep embankment abuts the northern margin of the site, and is interpreted to locally coincide with the northern limits of the Willamette River's historic meanders. Surface water runoff on the school grounds is handled by storm sewer catchments in the paved areas across the site. A small fence-enclosed, and apparently man-made, wetland is located on the north side of the property (Figure 7-1). The Willamette River is located approximately 0.5 mile to the south-southeast.

Surface water runoff is anticipated to be captured by the storm sewer catchments. For the purposes of this report, runoff from the Walker Middle School site is not anticipated to provide an overland migratory route from the school to the Willamette River. The site is located in a Zone X flood area, which is within the 500-year floodplain (FEMA 2003).

The surface water migration pathway target distance limit (TDL) begins at the probable points of entry of surface water runoff from a site to a surface water body and extends downstream for 15 miles. As surface water is not anticipated to reach the Willamette River from the Walker Middle School grounds, no probable point of entry has been established for this river. With respect to the on-site wetland, while this may be defined characteristically as a wetland (i.e., saturated soils, presence of surface water, moisture tolerant vegetation), this wetland is not included in the National Wetland Inventory. Given the above, targets such as fisheries and sensitive environmental receptors within the surface water pathway were not assessed for this property.

7.6 Ownership and Development History

The Walker Middle School property is currently owned by the Salem-Keizer School District. Other than an appraisal report prepared in 1961 listing Gerald and Inez Perry as owners of one of the lots that now comprise the Walker Middle School property, previous ownership information was not available (Geiser 1961). Based on a review of historic aerial photos, assessor records, and discussions with site-knowledgeable individuals, the school was first constructed in the late 1950s/early 1960s and underwent a major expansion in the mid-1990s (EDR 2012).

A ground-level photo in a newspaper clipping contained in school district files depicts the property as vacant land used as a playground, and provides 1961 as the projected opening time frame for the school (SKPS 1959). Prior to construction of the school, a 1955 dated aerial photo depicts the school site as a cleared and predominantly grass covered lot, with an east-west oriented running track visible

on the west side of the property, several smaller access drives on the central and northwest corner of the site, and several smaller buildings constructed on the site (EDR 2012). Details regarding construction or use of those smaller structures were not readily available. An earlier plat map of the site drawn prior to construction depicted a drainage ditch crossing the site from east to west (Boatwright 1948).

7.7 Previous Reports

In addition to the environmental database report generated for this facility, the school district provided limited documentation on the subsurface and environmental conditions at the property. This information is summarized in the following sections.

7.7.1 Environmental Database Report

A search of environmental database listings for the site and vicinity revealed numerous listings, the majority of which are located in the industrial/commercial area east-southeast of the site. Releases and contamination issues documented in this area are not considered to represent conditions significantly different than what may be encountered in most any industrially developed area, generally consisting of release of various petroleum hydrocarbons, solvents, and heavy metals. While both Walker Middle School and Hanard Machine were listed in these database reports, these listings were related to releases discovered during removal of underground storage tanks (USTs) that had stored petroleum products (EDR 2012). Further discussion of UST removal activities at the Walker Middle School property follow within Section 7.7.3 of this report.

As a result of chlorine cylinder leaks at the on-site pool, Walker Middle School was listed as a “HAZMAT” site. Several properties in nearby residential areas were also listed, generally in connection with heating oil tank removals (EDR 2012).

Gould Battery/GNB was also listed in the database report in relation to a petroleum release and a spill of lead oxide. After participating in the Oregon’s Voluntary Cleanup Program and filing an environmental covenant that limits that site to industrial use, the Gould Battery/GNB site was granted a No Further Action status by ODEQ (EDR 2012).

7.7.2 Geotechnical Investigation (1993)

In October of 1993, FE presented the Salem-Keizer Public Schools with a Geotechnical Investigation for the Walker Middle School additions. No environmental sampling and/or testing occurred in conjunction with this work, which is discussed in further detail in Section 7.3 (FE 1993).

7.7.3 UST Removal Report (2000)

In December of 2000, Century West Engineering (CWE) oversaw decommissioning of one 8,000-gallon UST from the Walker Middle School property that had stored heating oil for use in the school’s boiler. Approximately

100 gallons of product and sludge were removed from the tank prior to removal. While some pitting and rusting was noted, the removed tank was observed to be free of holes. Following tank removal, approximately 107 tons of petroleum stained soil were excavated and stockpiled for characterization. An additional 5 tons of soil were removed from beneath the decommissioned remote fill port. Remote fill lines were drained, capped, and abandoned in place (CWE 2000).

A total of eight samples were collected during tank decommissioning work. Confirmation sampling revealed soil conditions at the end of excavation work to be compliant with ODEQ cleanup standards. The decommissioned tank was cleaned and sent to Cherry City Metals for recycling; the associated contaminated soil was transported to United Soil Recycling for thermal desorption treatment, and the excavation was backfilled with imported clean gravel. Ground water was not encountered during decommissioning or remedial activities (CWE 2000).

Following decommissioning work, CWE returned to the site to advance five borings along the abandoned filling line and port alignment to a depth of 8 feet bgs. Samples were collected from 5 feet bgs in all borings and sent for laboratory analysis. No petroleum hydrocarbons were detected in any of the samples (CWE 2000).

7.7.4 Radon Sampling

Beginning in 2001, the Salem School District implemented a district-wide radon screening protocol. This screening involved placing a radon test kit in each school in the district at locations thought to have the greatest likelihood for the presence of radon. Following that screening, entire school buildings were then sampled, focusing first on those structures where radon was detected, and then on other schools closest to those locations (SKPS 2012). In January of 2013, radon levels in the Walker Middle School were tested. Testing involved placing a total of 44 radon test kits in school rooms that were in contact with or below the ground surface. Radon concentrations were below the detection levels in 30 of these test kits (i.e., <0.3 pCi/L). The average radon level in 14 kits where detections occurred was 0.79 pCi/L, with the highest radon level detected in the school being 1.5 pCi/L. All detected concentrations were below the 4 pCi/L action level established by the EPA (Ellis 2013a).

7.8 Site Visit Observations

Prior to sampling activities, a site visit was conducted to review conditions at and surrounding the Walker Middle School property. Participants included:

- Joanne LaBaw, EPA, Site Assessment Manager;
- Derek Pulvino, E & E, Project Manager;
- Jim Jenney, Salem Keizer School District, Interim Director-Facilities and Planning; and
- David Fridenmaker, Salem Keizer School District, Manager, Planning and Property Services.

Property conditions noted during the field reconnaissance were considered typical for public school buildings; concrete block bearing and exterior walls define the majority of the structure, with a slab-on-grade foundation, a central boiler supplies hot-water/steam for convective heat, and interior finishes consist of gypsum board, cellulose ceiling panels, vinyl floor tiles, and carpet. The school has wood shop and science classrooms. The two laboratory science classrooms include a front desk/table with running water, natural gas, and non-reactive countertops. Chemicals are stored in a room located between the two classrooms. As classes were in session during the original screening review at the site, this room was not accessed (E & E 2013b).

Exterior areas at the school were primarily grass-covered, with asphalt drives and parking areas, and landscaping at near-building locations. Select portions of the property observed during this site visit are included in Appendix A, Site Visit Photos 1 through 12.

7.9 PA Sampling

Soil and sediment samples were collected from locations distributed across the Walker Middle School property. Sampling locations were selected to target areas where it appeared more likely that students or site users would spend time, focusing on locations where overlying vegetation was either not present or thinned by occupancy/usage (i.e., baseball infields, walking paths, near benches, in play areas, etc.). One sediment sample was collected from a fence-enclosed wetland area on the north-central portion of the property. The athletic fields on the east and west sides of the school, as well as a small grass covered area north of the west side of the school building, were field screened for gamma activity levels using the Viper system. Figure 7-3 depicts soil and sediment sample locations. Figure 7-4 depicts the approximate alignment of transects with the Viper unit and range of gamma detections. All field work at the Walker Middle School site occurred on June 12, 2013.

7.9.1 Gamma Radiation Field Screening

Gamma radiation field screening was conducted at three principal areas on the Walker Middle School property: the east athletic field; the west athletic field, and the grass covered area north of the west end of the school building. Screening in all three areas proceeded on 25 foot transect intervals. Figure 7-4 depicts the transect alignments and corresponding screening results. A summary of Viper screening readings from this site is included in Table 6-1.

7.9.2 Surface Soil Samples

Soil samples collected from the Walker Middle School property included five samples from baseball diamond infield areas (WM01SS, WM02SS, WM03SS, WM04SS, WM05SS) (Appendix A, Sampling Photos 9 to 13). WM06SS was collected from the grass area north of the western margin of the school building (Appendix A, Sampling Photo 15), while WM07SS was collected from an area of exposed soil near the southern main entrance to the school building.

The QAP called for the collection of up to nine soil samples from this property. Sample locations were to be selected based on field observations to target areas with relatively elevated potential for human use that may result in direct contact. During the field review, exterior areas of the property were observed to be predominantly grass covered or paved, with broad areas of exposed soils limited to the baseball diamond infields. Since few other areas of exposed soils were observed, additional sample collection did not appear warranted.

Sample results are presented in Tables 6-2, 6-3, and 6-4. The detected analytes were present at concentrations below the RBCs promulgated by ODEQ as a cleanup value for the surface soil direct contact pathway in a residential scenario or the applicable naturally occurring concentration.

7.9.3 Sediment Samples

One sediment sample (WM01SD) was collected from the fence-enclosed wetland area on the north-central portion of the property (Figure 7-3 and Appendix A, Sampling Photo 14). This sample was collected from the interpreted southwest margin of the wetland area.

Sample results are presented in Tables 6-5, 6-6, and 6-7. As no human direct contact RBC has been developed for sediments, the START has conservatively compared the contaminant concentrations to the ODEQ direct contact RBCs for surface soil or the applicable naturally occurring concentration. Using this comparison, the detected analytes were present at concentrations well below the ODEQ surface soil RBCs for the direct contact pathway in a residential scenario or the applicable naturally occurring concentration.

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8 West Salem High School

8.1 Site Location

Site Name:	West Salem Area, West Salem High School
CERCLIS ID Number:	ORN001003085
Site Address:	1776 Titan Drive NW, Salem, Oregon
Latitude:	44.958521 (Approximate center of site)
Longitude:	-123.082882 (Approximate center of site)
Legal Description:	Township 7S, Range 3W, Section 17, Polk County Tax Lot 7317D001000
County:	Polk County
Congressional District:	5th Congressional District
Site Owner(s):	Salem-Keizer School District
Site Operator(s):	Salem-Keizer School District
Site Contact(s):	Michael D. Wolfe, Chief Operations Officer Salem-Keizer Public Schools 2450 Lancaster Drive NE Salem, Oregon 97305

8.2 Site Description

The West Salem High School site occupies a single parcel that includes approximately 54 acres of land. This parcel is developed with the school building, athletic fields, and other parking- and school-related infrastructure. The athletic fields extend from the school parcel onto two adjacent lots owned by the City of Salem Parks Department (PCA 2012c); use of these athletic fields is shared by the parks department and school district. The school, itself, includes one interconnected, multi-story building (Figure 8-1).

Surrounding property is residential, predominated by single-family dwellings. The nearest industrial/commercial land use is approximately 1.25 miles southeast of the site, in the vicinity of the Walker Middle School and 7th and Patterson Ballfields sites. At its closest point, the Willamette River is located approximately 1.6 miles southeast of the West Salem High School site (Figure 2-2).

8.3 Geologic Features

Surficial geology beneath the West Salem High School site is characterized as Columbia River Basalt. Basalt in the area can range from 400 to 600 feet deep.

Local areas of reddish brown weathered basalt, and can weather into red clay (laterite) to depths of up to 30 feet (Beja 1981).

In 2000, geotechnical investigation work was performed on the site for design purposes, included advancing 19 exploratory test pits to between 8 and 20 feet bgs, and six exploratory borings to between 27 and 41.5 feet bgs. These explorations revealed a similar material profile as described above, with 2 to over 15 feet of fine-grained, residual soil underlain by highly weathered to decomposed basalt. Residual soil consists of very stiff to hard, dry to damp silt or clay, with some scattered fragments of basalt. The bedrock consists of closely jointed, highly weathered to decomposed extremely weak to weak flood basalt. Most of the basalt was decomposed to the consistency of medium stiff to hard soil. Some core-stones were noted and, based on test explorations, appeared to be discontinuous bodies of strong rock floating in a matrix of decomposed basalt (FE 2000).

No springs, seepage, or ground water were observed within test pits to a maximum depth of 20 feet. No ground water was detected in piezometers installed in test borings. Local well logs indicate ground water in the area of West Salem High School is encountered at approximately 150 to 300 feet of bgs (FE 2000).

8.4 Soil Exposure Pathway

The soil exposure pathway is evaluated based on the threat to residents, nearby residents, students, and workers from soil contamination within the first 2 feet of the ground surface and within one mile of the source of contamination. Approximately 9,743 people reside within one mile of West Salem High School, and 2,606 students attend West Salem High School, Chapman Hill Elementary, and Myers Elementary Schools, which are all are present within the one-mile distance ring. Populations by distance ring within one mile of West Salem High School are as follows.

Distance Ring	Population	Students	Total Population
0 to ¼ mile	388	West Salem High School: 1,735	2,123
¼ to ½ mile	1,469	Chapman Hill Elementary School: 450	1,919
½ to 1 mile	7,886	Myers Elementary School: 421	8,307
		Total Population within One Mile	**12,349**

Sources: Zawistoski 2013c; ODOE 2013

West Salem High School is not used for commercial agriculture or silviculture, livestock production, or livestock grazing. Further, no terrestrial sensitive environments occur at the school. The school is accessible and used for recreation during school hours and during after school programs.

8.5 Ownership and Development History

Similar to the Walker Middle School property, the West Salem High School site is owned by the Salem-Keizer School District. Prior to construction of the school in 2000, aerial photos depict the property as undeveloped. Fruit orchards were visible on the site through at least 1954 (EDR 2013b). Assessor records list the prior usage of the school property as a cherry orchard and for grain cultivation (PCA 2013c). Prior to school development, other structures noted on the site were limited to several small buildings located near the east-central margin and northwest corner of the school/ballfields property. Between 1954 and school development, the number of fruit trees on the property decreased, with those areas cleared of fruit trees being grass covered and/or vegetated (EDR 2013b). Sanborn Fire Insurance Maps did not include coverage of West Salem High School and/or the property immediately surrounding it.

Appraisal reports covering three of the parcels that were later purchased by the school district and/or city provide further confirmation of the site's residential history. These reports list previous owners as follows:

- **2346 Orchard Heights Road**: This was a 23-acre area of land developed with a 1947 vintage, wood-framed residence that was served by an on-site septic system and drinking water well. Prior owners included H.H and C.A. Taylor (husband and wife), who purchased the property from Robert and Bette Worral in May of 1996. Pre-1993 ownership information was not available (CSP 1999a). By comparing map, text description, and address information contained in the appraisal report to grading plans provided by the school district, this property appears to comprise the western side of the school property. Additionally, the location of some or all of these former buildings appears to have been in what is now the Titan Drive NW right-of-way.
- **Portion of 1655 Doakes Ferry Road NW:** While the parcel associated with this address included 1.5 acres of residentially developed land, this appraisal report only covered the rear 0.5 acre undeveloped portion of the parcel and did not include information about the residential development on the other portion of the parcel. Prior owners were limited to members of the D'Amico family. Pre-1993 ownership information was not available (CSP 1999b). This property is situated along the east side of site and is a part of the property currently owned by the City Parks Department.
- **SWC (Southwest Corner) of Orchard Heights & Doakes Ferry Roads NW:** This property included approximately 34.6 acres of undeveloped land. While properties situated on the east side of this lot were reported to utilize private septic systems and wells, no such improvements were listed for this property. Previous owners of this site were detailed to only include Robert and Floretta Young (CSP 1999c). Review of assessor records list the Young family to have owned the property as long ago as 1984 (PCA 2013c). This property makes up most of the east half of the high school site.

8.6 Previous Reports

With the exception of a geotechnical investigation performed for design purposes, data on subsurface sampling and testing were not available for this property. Available information on this property is summarized in the following sections. Applicable details from the geotechnical investigation are included in Section 8.3, above.

8.6.1 Environmental Database Report

A search of environmental database listings for the site and vicinity revealed that those listings located within approximately one-half of a mile of the site were associated with heating oil tank removals. Listings beyond a half-mile are discussed in further detail in the sections of this report pertaining to Walker Middle School (see Section 7) and Wallace Marine Park (see Section 9).

8.6.2 Radon Sampling

Beginning in 2001, the Salem School District implemented a radon screening protocol. This screening involved placing a radon test kit in each school in the district at a location thought to have the greatest likelihood for the presence of radon. Following on from that screening, entire school buildings were then sampled, focusing first on those structures were radon was detected, and then other schools located nearby (SKPS 2012). In January of 2013, radon levels in the West Salem High School were tested. Testing involved placing a total of 92 radon test kits in school rooms that were in contact with or below the ground surface. With two exceptions, radon levels measured in all of the test kits were less than 2.0 pCi/L; the two exceptions were two lower-level classrooms (Room B105B at 5.8 pCi/L, and Room B117 at 4.9 pCi/L) (Ellis 2013b).

In response to these results, school maintenance personnel worked to better seal cracks and trench plates in the floors and adjust the air supply to increase air circulation in the rooms such that Rooms B105B and B117 are under “positive pressure.” Monitoring data collected immediately after the mitigation efforts were implemented revealed that radon levels remained above the EPA recommended 4 pCi/L action level (SKPS 2013a).

Additional steps were then taken to address the continued high levels of radon. These included additional sealing of the cracks in the floor at one location; after these additional steps were taken, follow-on testing revealed radon levels of 3.7 pCi/L. At the other location, a sub-slab depressurization mitigation system was installed; after these additional steps were taken, follow-on testing revealed radon levels of 0.8 to 1.0 pCi/L. Long-term monitoring of radon levels continues at these locations (SKPS 2013b).

8.7 Site Visit Observations

Prior to sampling activities, a site visit was conducted to review conditions at and surrounding the property. Participants included:

- Joanne LaBaw, EPA, Site Assessment Manager;

- Derek Pulvino, E & E, Project Manager;
- Jim Jenney, Salem Keizer School District, Interim Director-Facilities and Planning; and
- David Fridenmaker, Salem Keizer School District, Manager, Planning and Property Services.

Property conditions noted during the preliminary field reconnaissance were considered typical for public school buildings: concrete block bearing and exterior walls supported with metal columns and trussing define the majority of the structure, with a slab-on-grade foundation, a central boiler that supplies hot water/steam for convective and/or forced-air heat, and interior finishes consisting of gypsum board, cellulose ceiling panels, vinyl floor tiles, and carpet. As per the current understanding, the school does not include automotive or metal working spaces. Four laboratory science classrooms were noted, with two on the ground-floor and two on the second story. These classrooms include lab benches with running water and natural gas. A utility trench runs through the floor of the two ground-level laboratory classrooms. Chemicals used in each pair of laboratory classrooms are stored in a room located between the two classrooms. The chemicals are segregated on shelving dependent on chemical type (i.e., inorganic, organic, sulfates, acetates, etc.). The storage rooms also have flammable material and acid storage cabinets. Evidence of spills or releases was not observed on the floors in these storage areas.

Exterior areas at the school were primarily grass-covered, with asphalt drives and parking areas, and landscaping at near-building locations. The site is near the crest of a hilltop within an area with a locally undulating topography, and the gradient generally sloping away from the site in all directions. Surface water drainage in parking areas is predominantly managed by storm water catchment basins observed in paved areas across the site. A surface water drainage trench/swale was also observed at the eastern edge of the eastern parking lot, separating the parking area from the softball/baseball/soccer field complex on the eastern portion of the site. The trench/swale drains to the south and, apart from localized area of standing water, was dry at the time of the site reconnaissance (Figure 8-1). Otherwise, surface water runoff in the area would appear to be collected by either Glenn Creek, which is located approximately 0.33 mile to the south, or an unnamed drainage channel mapped to the north of the site that empties into Glenn Creek. From the confluence of that drainage channel and Glenn Creek, surface water flows into the Willamette River, which is located approximately 2.5 miles downstream from the site. As West Salem High School is located at the crest of a hillside, runoff from this property would only be expected to reach those drainage channels during heavy rainfall events. A selection of features observed during the preliminary reconnaissance is included in Appendix A, Site Visit Photos 13 to 29.

8.8 PA Sampling

Soil samples were collected from locations distributed across the West Salem High School property. Sampling locations were selected based on the presence of either exposed soils, and/or target locations where increased exposure risk may be present from students spending time at a given location. Viper gamma screening was performed at four principal locations. Figure 8-2 depicts soil sample locations. Figure 8-3 depicts the approximate alignment of transects with the Viper unit and range of gamma detections. All field work at the West Salem High School property occurred on June 14, 2013.

8.8.1 Gamma Radiation Field Screening

Gamma radiation field screening was conducted at four principal areas on the West Salem High School property: the east athletic field; the south athletic field; the gravel parking area at the northwest corner of the property; and the small grass covered area outside the main eastern entrance to the school building. Screening in all but the grass covered areas proceeded on 50-foot transect intervals aligned roughly north to south. Transects on the grass covered area east of the school entrance were spaced approximately 25 feet apart (Figure 8-3).

With respect to the east athletic area, an equipment malfunction prevented the ability of the Viper system to record data during the first transects. As such, a second set of transects was conducted in this area. One of the ballfields in this complex was being used for practice at the time the second set of screening passes was performed; the START was unable to collect data from this area. Figure 8-3 depicts the transect alignments and corresponding screening results. A summary of Viper gamma screening results from this site is included in Table 6-1.

8.8.2 Surface Soil Samples

Although the QAP did not include collecting samples from the West Salem High School property, during the course of the field event, and to help generate comparable and consistent data for all of the facilities included in the PA, the START collected three soil samples from this property

The three soil samples collected from the West Salem High School property included one sample from a landscape planter in the eastern parking lot (WH01SS), one sample from the grass covered slope leading to the outdoor assembly area on the west side of the school (WH02SS), and one sample from the dirt path that leads to the northwest parking lot (WH03SS) (Appendix A, Sampling Photos 17 to 19).

Sample results are presented in Tables 6-2, 6-3, and 6-4. The detected analytes were present at concentrations well below the surface soil ODEQ RBCs for the direct contact pathway in a residential scenario or the applicable naturally occurring concentration.

9 Wallace Marine Park

9.1 Site Location

Site Name:	West Salem Area, Wallace Marine Park
CERCLIS ID Number:	ORN001003103
Site Address:	200 Glen Creek Road NW, Salem, Oregon
Latitude:	44.950773 (Approximate center of site)
Longitude:	-123.043845 (Approximate center of site)
Legal Description:	Township 7S, Range 3W, Section 21, Polk County Tax Lots 73150000301, 73150001701, 73150001700, 73150001901, 73150002001, 7322B000201, 7322B000100, 7322C000100, 7322C000200, 7322C001800
County:	Polk County
Congressional District:	5th Congressional District
Site Owner(s):	City of Salem
Site Operator(s):	Salem Parks Department
Site Contact(s):	Kacey Duncan, Deputy City Manager, City of Salem, Oregon 555 Liberty Street SE/Room 220 Salem, Oregon 97301

9.2 Site Description

The Wallace Marine Park occupies 10 separate tax lots and approximately 101 acres of land along the western bank of the Willamette River. This park includes a variety of sports fields, open and forested park land, a boat ramp, floating docks, riverfront beaches, walking trails, picnic areas, and play equipment. Surrounding property includes what appears to be a gravel mining operation to the north, and a mix of residential and retail/commercial property to the west. The Willamette River abuts the southern end and eastern margin of this property (Figure 9-1).

9.3 Geologic Features

Surficial geology beneath the Wallace Marine Park site is a mix of recently deposited river alluvium and lower terrace deposits of the Willamette River. The alluvium is located along the river channel and includes unconsolidated cobbles, coarse gravel, sand, and some silt and clay. The alluvium is generally 15 to 45 feet thick, and consists of stratified sands and well-rounded pebbles, gravels, and cobbles. Terrace deposits are located on the more inland areas of the site, and are

typically comprised of unconsolidated to semi-consolidated cobbles, gravel, sand, silt, clay, muck, and organic matter of variable thickness (30 to 50 feet). The lower terrace deposits are located on the flood plain and lowland terrace area immediately above the river alluvium. In the case of Wallace Marine Park, these terrace deposits constitute the upland area of the site, generally from the tree band along the river inland. A typical profile of lower terrace deposits can include 5 to 20 feet of light-brown silt and clay or very fine sand overlying 10 to 45 feet of moderately well-sorted sand and locally cemented gravel (Beja 1981).

9.4 Soil Exposure Pathway

The soil exposure pathway is evaluated based on the threat to residents, nearby residents, students, and workers from soil contamination within the first 2 feet of the ground surface and within one mile of the source of contamination. Approximately 13,256 people reside within one mile of Wallace Marine Park, with 4,725 students attending a university and several public schools within the one-mile distance ring. Populations by distance ring within one mile of Wallace Marine Park are as follows.

Distance Ring	Population	Students	Total Population
0 to ¼ mile	784	0	784
¼ to ½ mile	1,571	0	1,571
½ to 1 mile	10,901	Grant Community School: 409 Highland Elementary School: 365 Parrish Middle School: 696 Walker Middle School: 530 Willamette University: 2,725	15,626
		Total Population within One Mile	**17,981**

Sources: Zawistoski 2013a; ODOE 2013; WU 2013

Wallace Marine Park is not used for commercial agriculture or silviculture, livestock production, or livestock grazing. Further, no terrestrial sensitive environments occur at the park. The park is, however, a designated recreation area.

9.5 Surface Water Migration Pathway

The park is on gently sloping land adjacent to the Willamette River and includes a small peninsula that extends approximately 0.5 mile into the river. Surface water runoff can be expected to both infiltrate the ground surface and to flow by sheet action to the Willamette River throughout the park's frontage with the river.

When evaluating the surface water pathway for a site, EPA considers the target distance limit, that is, the stretch of a water body that could be impacted by contamination. The target distance limit begins at the point where site contaminants may enter the water body, and extends downstream for 15 miles. When assessing this pathway, the EPA considers the potential for impacts to drinking water supplies, fisheries, and sensitive environments, such as wetlands and endangered species, that may be present within the target distance limit.

The 15-mile target distance limit for Wallace Marine Park begins near the southern margin of the park, at sample WP01SD. This 15-mile target distance limit is contained wholly within the Willamette River (Figure 9-2).

A search of Oregon Division of Water Resource water rights information query system for drinking water intakes within the target distance limit revealed that no such intakes exist, though several intakes exist for irrigation and livestock watering (ODWR 2013).

The Willamette River is approximately 300 miles in length. Oregon City is located at approximately river mile 26. The Willamette River is extensively used for fishing, boating, rafting, and other recreational activities. Sport fish catch for the river is reported by the Oregon Department of Fish and Wildlife, and is divided by catch in the table below. The most recent reported fish catch year is 2011. Catch is reported by numbers of individual fish caught. The number of fish caught is multiplied by the average weight per species to determine the total pounds of fish catch. Based on these values, it is estimated that the 15-mile target distance limit spans 5% of the catch area above Oregon City (i.e., 300[1] – 26[2] = 274; [15 / 274] x 100 = 5%). For this reason, 5% of the total catch above Oregon City will be attributed as occurring within the 15-mile target distance limit. Sport catch figures for the target distance limit are provided in the table below.

Fish Type	Number Caught (a)	Average Weight (b)	Total Weight (c = a x b)	Total Catch within the TDL (c x 5%)
Coho	442	10	4,420	221
Fall Chinook	61	22	1,342	67.1
Spring Chinook	582	22	12,804	640.2
Summer Steelhead	1,105	7.5	8,287.5	414.375
Winter Steelhead	180	7.5	1,350	67.5
White Sturgeon*	44	67[a]	2,948	147.4
			Total within TDL	1,557.575 rounded to **1,560**

Sources: ODFW 2011a, ODFW 2011b, Wydoski 2003.

[1] The Willamette River is approximately 300 miles in length.
[2] Oregon City is located at approximately river mile 26.

Fish Type	Number Caught (a)	Average Weight (b)	Total Weight (c = a x b)	Total Catch within the TDL (c x 5%)

Note:
* Average weight of sturgeon is calculated assuming an average catch length of 5'1".

The Willamette River contains habitat for the federal-threatened steelhead trout (*oncorhynchus mykiss*) and Chinook salmon (*oncorhynchus tshawytscha*) within the 15-mile target distance limit (Zawistoski 2013a). Approximately 3.38 miles of wetland frontage occur on the Willamette River within the target distance limit with nearest wetland occurring approximately 0.8 mile downstream of the probable point of entry (Zawistoski 2013a).

9.6 Ownership and Development History

The Wallace Marine Park site is owned by the City of Salem and maintained by the parks department. Prior to use as a park, historic aerial photos depict the site as either agricultural, or generally undeveloped, vegetated land between 1954 and 1975 (EDR 2013d). Information provided by the City reports the park was created after Paul Wallace donated 24 acres of riverfront land to the City.

Development and use as a park began in the late 1950s. Many park features have been present from the time the park was first developed; however, much of this infrastructure (roads, boat ramps, and various docks) represents the most recent "generation" of improvements, as most have suffered periodic damage and have required rebuilding after local flooding of the Willamette River (Salem 2013b). Available aerial photographs first show the central baseball/softball field complex in 1984, when this complex, as well as other roads and parking areas, are apparently under construction. By 1987, much of the development on the park was consistent with present day conditions. Sanborn Fire Insurance Maps did not include coverage of Wallace Marine Park and/or the immediately adjacent area (EDR 2013d).

9.7 Previous Reports

No previous environmental sampling and testing or review work was readily available in connection with this property. The results of the environmental database report generated for this PA are discussed below.

9.7.1 Environmental Database Report

A search of environmental database listings for the site and vicinity revealed numerous listings in the search radius. In general, the greatest numbers of listings were located in the industrial/commercial area west-southwest of the site and in the downtown Salem area, on the opposite side of the Willamette River. No listings were encountered in connection with the Wallace Marine Park property (EDR 2013d).

Releases and contamination issues documented in these areas generally include various petroleum hydrocarbons, solvents, and heavy metals, and are not considered to represent conditions significantly different than what may be encountered in most any industrially developed area. Other listings, such as the Courthouse Athletic Facility, were related to the storage of various chemicals used during business operations. In the case of Courthouse Athletic Facility, this included items such as salt (sodium chloride), calcium hypochlorite, carbon dioxide, hydrochloric acid, etc. (EDR 2013d).

The database report also included a listing for one Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) No Further Remedial Action Planned site. That site (Salem Gas Manufacturing) is located on the opposite side of the Willamette River, approximately 950 feet east of the site, and is currently a portion of Riverfront Park. Riverfront Park has been the subject of remedial investigation and feasibility study work. In addition to the manufactured gas plant, previous uses of the Riverfront Park property include sawmills, iron works, junkyards, paper manufacturing, and meat packing. Environmental studies of Riverfront Park have documented impacts to soil, ground water, and sediments by lead, polycyclic aromatic hydrocarbons (PAHs), tars, ferrocyanides, benzene, diesel, acids, and caustics. Based on the results of bioassay testing, impacts to sediments did not appear to be affecting aquatic life. As part of remedial measures, a deed restriction was placed on the Riverfront Park parcel, and a soil cap was constructed and is regularly maintained (EDR 2013d, ODEQ 2013).

9.8 Site Visit Observations

As the Wallace Marine Park property had not been identified for sampling during original project scoping, the START did not perform a site visit at this property prior to sampling activities. During sampling activities, observations of conditions, usage, and development at the Wallace Marine Park site were as previously discussed in section 9.2.

9.9 PA Sampling

Soil and sediment samples were collected from locations distributed across the Wallace Marine Park property. Sampling locations were selected based on the presence of either exposed soils/sediment, the potential for relatively high usage (e.g., picnic areas), or soils that had a greater potential for mechanical suspension as airborne dust. In addition, Viper gamma radiation screening was performed at three areas in the park. Figure 9-3 depicts soil and sediment sample locations. Figure 9-4 depicts the approximate alignment of transects with the Viper unit and range of gamma detections. All field work at the Wallace Marine Park property took place on June 11, 2013. Photographs of sample locations are included as Appendix A, Sampling Photos 20 to 33.

9.9.1 Gamma Radiation Field Screening

Gamma radiation field screening was conducted at three principal areas on the Wallace Marine Park property: the southern and northern grass fields; and two of

the baseball diamonds in the baseball/softball complex. Screening in the two grass fields utilized 25-foot transect spacing aligned roughly north to south.

For the baseball diamonds, during field activities, the START elected to use "ray" patterns for these transects, with points-of-origin centered on home plate and radiating to a maximum of 25-foot spacing in the outfield area. Although the work plan had included Viper gamma radiation screening transects of all five baseball fields, as tournaments were scheduled to use three fields later in the day, the park's maintenance personnel requested that field personnel limit occupancy on those infields. For this reason, Viper gamma radiation screening occurred on only two ballfields. Figure 9-4 depicts the transect alignments and corresponding screening results. A summary of Viper gamma radiation screening readings from this site is included in Table 6-1.

9.9.2 Surface Soil Samples

A total of eight soil samples were collected from the Wallace Marine Park property. These included the following samples:

- **WP01SS and WP08SS:** These samples were collected from the soccer fields in the southern (WP01SS) and northern (WP08SS) grass fields. WP01SS was collected from soils pushed up within a mole hill. Sample WP08SS was collected from an area of exposed soil within the eastern soccer goal of the northern field.
- **WP03SS, WP04SS, and WP05SS:** Two of these samples (WP03SS and WP04SS) were collected from beneath the sod along the right (WP03SS) and left (WP04SS) foul lines for two of the ballfields. The START had planned to collect these samples from infields; however, due to the aforementioned tournaments, maintenance personnel requested that field personnel limit access to, and refrain from diggings holes in, these areas.

  At the time of the field work, maintenance personnel also informed the field personnel that, as a result of flooding that inundated the park in 2012, the material that been previously been used on the infields of these ballfields had been removed and replaced with the current material. As the removed infield material was stockpiled on the site, one additional sample (WP05SS) was collected from this stockpile.
- **WP02SS:** This sample was collected from an area of exposed soil near a lifejacket exchange and instructional sign near the park's boat ramp.
- **WP06SS:** This sample was collected from soil that had been pushed up in a mole hill in the picnic area at the southern portion of the park.
- **WP07SS:** This sample was collected from the crest of the gravel bar east of the southern picnic area.

Sample results are presented in Tables 6-2, 6-3, and 6-4. The analytes were detected at concentrations well below the surface soil ODEQ RBC for the direct contact pathway in a residential scenario or the applicable naturally occurring concentration.

9.9.3 Sediment Samples

Five sediment samples were collected from the park's Willamette River frontage. Samples were collected from the sand/silt beach at the southern margin of the park, near the boat ramp (WP01SD), from a silt/sand beach between the Marion Street and Center Street Bridges where people's footprints and dog tracks were noted (WP02SD), and from the southeast corner of the gravel bar located east of the picnic area (WP03SD). Two additional sediment samples (WP04SD and WP05SD) were collected north of sample WP03SD. For all of the gravel bar samples, the matrix included a large percentage of rounded river gravels. In order to facilitate collection of finer grained and/or organic materials, the fines were washed and separated from the gravels in the sampling hole, placed in the homogenizing bowl, and decanted.

Sample results are presented in Tables 6-5, 6-6, and 6-7. As no human direct contact RBC has been developed for sediments, the START has conservatively compared the contaminant concentrations to the ODEQ direct contact RBCs for surface soil or the applicable naturally occurring concentration. Using this comparison, only the benzo(a)pyrene concentrations detected in sample WP01SD exceeded the surface soil ODEQ RBCs for the direct contact pathway in a residential scenario.

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10 Orchard Heights Park

10.1 Site Location

Site Name:	Orchard Heights Park
CERCLIS ID Number:	ORN001003087
Site Address:	1201 Orchard Heights Road NW
Latitude:	44.959024 (Approximate center of site)
Longitude:	-123.061503 (Approximate center of site)
Legal Description:	Township 7N, Range 3S, Section 16, Polk County Tax Lot 7316C001100
County:	Polk County
Congressional District:	5th Congressional District
Site Owner(s):	City of Salem
Site Operator(s):	Salem Parks Department
Site Contact(s):	Kacey Duncan, Deputy City Manager, City of Salem, Oregon 555 Liberty Street SE/Room 220 Salem, Oregon 97301

10.2 Site Description

Orchard Heights Park is a single parcel that includes approximately 28 acres of land. Three additional parcels owned by the City of Salem are located along the southeast border of the site. While it is not apparent whether the three additional parcels are formerly part of the park, one of these lots was noted to be used as a public community "pea patch" garden at the time of the original site reconnaissance. Park development includes tennis and basketball courts, baseball diamonds, a swing set/play area, various trails and footbridges, and a dog off-leash area. The park as a whole is a combination of cleared and forested land. Surrounding property is residential, predominated by single-family dwellings (Figure 10-1). Historically, much of this developed area appears to have been agricultural/orchard land. The nearest industrial/commercial land use is approximately 0.6 mile south-southeast of the site, along the Willamette River, with the Willamette River located approximately one mile east of the site (Figure 2-2).

10.3 Geologic Features

Surficial geology beneath the Orchard Heights Park site is a mix of lower terrace deposits of alluvial bottomlands and high-terrace deposits. The lower terrace

deposits are situated at lower elevations within the park, located along the Glenn Creek alignment. These deposits are generally located in flat, moderately to poorly drained areas with soft, organic compressible soils, and typically coincide with areas of low relief, surface water ponding, and high ground water. The lower terrace deposits typically consist of somewhat stratified very fine sands, silty sandy clays, silty clays, and silty clay loams, with slight to moderate plasticity. These deposits can be 4 to 12 feet thick along in the bottomlands of interior drainages within low, rolling, sedimentary bedrock units, such as found at the Orchard Heights Park site (Beja 1981).

With respect to the high terrace deposits, these are located at higher elevations within the park, upgradient from the lower terrace bottomlands deposits, and include semi-consolidated light-brown sand, silt, and clay ranging from 3 to 15 feet thick. These deposits are typically located in terraced areas adjacent to sedimentary bedrock foothills. In general, the high-terrace deposits are mantled by moderately well-drained and well-drained silt loam soils (Beja 1981).

10.4 Soil Exposure Pathway

The soil exposure pathway is evaluated based on the threat to residents, nearby residents, students, and workers from soil contamination within the first 2 feet of the ground surface and within one mile of the source of contamination. Approximately 11,476 people reside within one mile of Orchard Heights Park, and 1,268 students attend three schools within one mile of the site. Populations by distance ring within one mile of Orchard Heights Park are as follows.

Distance Ring	Population	Students	Total Population
0 to ¼ mile	781	0	781
¼ to ½ mile	2,470	Harritt Elementary School: 288	2,758
½ to 1 mile	8,225	Chapman Hill Elementary School: 450 Walker Middle School: 530	9,205
		Total Population within One Mile	**12,744**

Sources: Zawistoski 2013d; ODOE 2013

Orchard Heights Park is not used for commercial agriculture or silviculture, livestock production, or livestock grazing. Further, no terrestrial sensitive environments occur at the park. The park is a designated recreation area.

10.5 Surface Water Migration Pathway

Glenn Creek transects the site on a north-south alignment. A plastic drainage conduit discharges to Glenn Creek; however, the source of water flowing from the conduit was not apparent. Surface water drainage in parking areas is managed by storm sewer catchment basins observed in the paved areas. Other noted drainage

features include a catchment basin at the northwest corner of the baseball diamond area and smaller hand-dug ditches along the uphill edges of several trails. Other than runoff captured by the parking lot and ballfield catchment basins, surface water runoff would be expected to discharge to Glenn Creek via sheet flow. Based upon geographic information system (GIS) information provided by the City of Salem, storm water captured in nearby residential areas discharges to Glenn Creek at numerous locations within and upstream of Orchard Heights Park. Figure 10-2 shows outfalls (mapped by the City) that discharge to the creek as well as storm water infiltration galleries/ponds in the vicinity of Orchard Heights Park.

When evaluating the surface water pathway for a site, EPA looks at the target distance limit, that is, the stretch of a water body that could be impacted by contamination. The target distance limit begins at the location where site contamination may enter the water body, and extends downstream for 15 miles. When assessing this pathway, the EPA considers the potential for impacts to drinking water supplies, fisheries, and sensitive environments, such as wetlands and endangered species, which may be present within the target distance limit.

For Orchard Heights Park, the 15-mile target distance limit begins where Glenn Creek enters the park property, which is taken to represent the probable point of entry for this site. The target distance limit then continues along Glenn Creek, flowing north to discharge into the Willamette River approximately 2.7 miles downstream, and concluding 12.3 miles downstream in the Willamette River (Figure 10-3).

A search of the Oregon Division of Water Resource water rights information query system for drinking water intakes within the target distance limit revealed that no such intakes exist, though several intakes exist for irrigation and livestock watering (ODWR 2013).

The Willamette River is extensively used for fishing, boating, rafting, and other recreational activities. Sport fish catch is reported by the Oregon Department of Fish and Wildlife. These data do not report catch for Glenn Creek. For the Willamette River, harvest is divided by catch below and above Oregon City. The most recent reported fish catch year is for 2011. Catch is reported by numbers of individual fish caught. The number of fish caught is multiplied by the average weight per species to determine the total pounds of fish catch. Based on these values, it is estimated that the 15-mile TDL spans 4% of the catch area above Oregon City (i.e., 300[3] – 26[4] = 274; (12.3 / 274) x 100 = 4%). For this reason, 4% of the total catch above Oregon City will be attributed as occurring within the 15-mile target distance limit. Sport catch figures for the target distance limit are provided in the table below.

[3] The Willamette River is approximately 300 miles in length.
[4] Oregon City is located at approximately river mile 26.

Fish Type	Number Caught (a)	Average Weight (b)	Total Weight (c = a x b)	Total Catch within the TDL (c x 4%)
Coho	442	10	4,420	176.8
Fall Chinook	61	22	1,342	53.68
Spring Chinook	582	22	12,804	512.16
Summer Steelhead	1,105	7.5	8,287.5	331.5
Winter Steelhead	180	7.5	1,350	54
White Sturgeon*	44	67[a]	2,948	117.92
			Total within TDL	1,246.06 rounded to **1,250**

Sources: ODFW 2011a, ODFW 2011b, Wydoski 2003.
Note:
* Average weight of sturgeon is calculated assuming an average catch length of 5'1".

The Willamette River contains habitat for the federal threatened steelhead trout (*oncorhynchus mykiss*) and Chinook salmon (*oncorhynchus tshawytscha*) within the 15-mile target distance limit (Zawistoski 2013a). Approximately 1.59 miles of wetland frontage occur on Glenn Creek, and additional 3.35 miles of wetland frontage occur on the Willamette River within the target distance limit. The nearest wetland to the park is approximately 750 feet downstream of the probable point of entry to Glenn Creek (Zawistoski 2013d).

10.6 Ownership and Development History

The Orchard Heights Park property was purchased from the Salem-Keizer School District in 1960 by the City's Parks Department. In 1974, development of the park began when a multi-use court, gravel paths, and landscaping were added to the site (PCA2013a, 2013d). Historic aerial photos and assessor records show these developmental changes. Prior to use as a park, the site appears to have been an undeveloped and predominantly cleared parcel. In the earliest photo (1954), the western portion of the site appears to have been used as an orchard. Trees planted in a grid remained in this same area up until sometime between 1987 and 1994. Sanborn Fire Insurance Maps did not include coverage of Orchard Heights Park and/or the immediately adjacent area (EDR 2013c).

10.7 Previous Reports

No previous environmental sampling and testing or review work was readily available in connection with this property. The results of the environmental database report generated for this report are discussed below.

10.7.1 Environmental Database Report

A search of environmental database listings for the site and vicinity revealed that those listings located within approximately 0.5 mile of the site were associated with heating oil tank removals. Listings beyond 0.5 mile were those sites

proximal to and discussed in the section of this report regarding the Walker Middle School and 7th and Patterson Ballfields sites.

10.8 Site Visit Observations

Prior to sampling activities, a site visit was conducted of the Orchard Heights Park property. Participants included:

- Joanne LaBaw, EPA, Site Assessment Manager; and
- Derek Pulvino, E & E, Project Manager.

Current site conditions are generally as described in Section 10.2, with a mixture of cleared and forested land interspersed with the various athletic fields, trails, and other recreational areas. A paved driveway and parking lot provide access to the property from Orchard Heights Road, located along the southern property margin. Photographs from this reconnaissance are included as Appendix A, Site Visit Photos 30 to 41.

10.9 PA Sampling

Soil and sediment samples were collected from locations distributed across the Orchard Heights Park property. Sampling locations were selected based on the presence of either exposed soils/sediment, potential for relatively high occupancy (i.e., picnic areas), or soils that had a greater potential for mechanical suspension as airborne dust. In addition, Viper gamma radiation screening was performed on a large portion of the cleared area of the park. Figure 10-4 depicts soil and sediment sample locations. Figure 10-5 depicts the approximate alignment of transects with the Viper unit and the range of gamma detections. All field work at the Orchard Heights Park property took place on June 13, 2013.

10.9.1 Gamma Radiation Field Screening

Gamma radiation field screening was conducted at two nearly contiguous areas on the Orchard Heights Park property: the southern baseball field, and the grass area north of the parking lot and playground. Screening of both areas proceeded on approximately 25-foot transect intervals aligned roughly north to south. Figure 10-5 depicts the transect alignments and corresponding screening results. A summary of Viper gamma radiation field screening readings from this site is included in Table 6-1.

10.9.2 Surface Soil Samples

A total of five soil samples were collected from the Orchard Heights Park property. These included two samples from southern athletic field (OH01SS and OH02SS), one sample from exposed soil near the picnic table west-northwest of the basketball court on the property (OH03SS), one sample from the grass field north of the parking lot (OH04SS), and one sample along the trail on the west side of Glenn Creek (OH05SS). These sampling locations are depicted as Appendix A, Sampling Photos 36 to 40.

Sample results are presented in Tables 6-2, 6-3, and 6-4. The analytes were present at concentrations well below the surface soil ODEQ RBCs for the direct contact pathway in a residential scenario or the applicable naturally occurring concentration.

10.9.3 Sediment Samples

Three sediment samples were collected from readily accessible areas of Glenn Creek within Orchard Heights Park. These samples were collected working from downstream to upstream areas of the creek, and included: sample OH01SD, collected just north of the elevated wood foot bridge that crosses Glenn Creek; sample OH02SD, collected from sediment on the bottom and banks of Glenn Creek at the concrete semi-submerged crossing of Glenn Creek; and sample OH03SD, collected beneath the Orchard Heights Road bridge, at the point where Glenn Creek enters the park. These sampling locations are depicted as Appendix A, Sampling Photos 41 to 43.

Sediment sample results are presented in Tables 6-5, 6-6, and 6-7. As no human direct contact RBC has been developed for sediments, the START has conservatively compared the contaminant concentrations to the ODEQ direct contact RBCs for surface soil, or the applicable naturally occurring concentration. Using this comparison, five SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene] were present in sediment samples at concentrations above soil RBCs. Two metals, cobalt and manganese, were detected at concentrations above the EPA Regional Screening Level and the applicable naturally occurring concentration (respectively).

11 7th and Patterson Ballfields

11.1 Site Location

Site Name:	West Salem Area, 7th and Patterson Ballfields
CERCLIS ID Number:	ORN001003084
Site Address:	800 Block of 7th Street NW, Salem, Oregon
Latitude:	44.947723 (Approximate center of ballfields)
Longitude:	-123.056912 (Approximate center of ballfields)
Legal Description:	Township 7S, Range 3W, Section 2, Portion of Polk County Tax Lot 7321DA01300
County:	Polk County
Congressional District:	5th Congressional District
Site Owner(s):	KFP Investments LLC
Site Operator(s):	Hanard Machine
Site Contact(s):	N/A

11.2 Site Description

The 7th and Patterson Ballfields site is located on a portion of a single tax parcel that includes approximately 4.45 acres of land. The ballfields area is on the west margin of this tax parcel, is enclosed with a fence, and is predominantly covered with grass. Exposed soils are only present in the infield areas. Nearby land surrounding the property is used for both residential and industrial purposes, with single- and multi-family dwellings constructed to the west, and industrial/ commercial development to the immediate north, east, and south. Walker Middle School is located to the west-northwest. The nearest off-property businesses include a boat storage/repair company and a transmission repair shop, both to the north, and a machine shop and a steel sales and processing business to the south. Until the mid- to late-1990s, Gould Battery had been located on the south side of the steel business. Hanard Machine facilities are directly east of the ballfields and on the same tax lot. Hanard Machine provides precision machining work for a variety of manufacturing uses (Figure 11-1). The Willamette River is located approximately 0.4 mile south-southeast of the site (Figure 2-2).

As previously discussed, the 7th and Patterson Ballfields are located on property that has been shared by two light-industrial businesses, including the current Hanard Machine shop and previous textile manufacturer, Asten-Hill. While the exact process used during textile manufacturing operations is not known, materials potentially associated with such operations include asbestos (Stengel

2007) as well as petroleum based lubricants and solvents. Hanard Machine uses various lubricants and coolants in the machining process. The coolants are maintained in closed-loop systems, distilled, and then recycled. Approximately 50 pounds of coolant still-sludge is disposed of annually by Hanard Machine (Carter 2013). Various metals in the form of shavings, cuttings, or other similar machining remnants are also byproducts of Hanard Machine operations.

11.3 Geologic Features

Surficial geology beneath the 7th and Patterson Ballfields site is characterized as high-terrace deposits that include semi-consolidated light-brown sand, silt, and clay ranging from 3 to 15 feet thick. These deposits are typical for many terraced areas adjacent to sedimentary bedrock foothills in the study area. Such bedrock foothills are present to the north of the site, beginning at the steep embankment on the northern side of the boat repair business. In general, the high-terrace deposits are mantled by moderately well-drained and well-drained silt loam soils (Beja 1981).

11.4 Soil Exposure Pathway

The soil exposure pathway is evaluated based on the threat to residents, nearby residents, students, and workers from soil contamination within the first 2 feet of the ground surface and within one mile of the source of contamination. Approximately 9,226 people reside within one mile of the 7th and Patterson Ballfields, and 530 students attend Walker Middle School, which is within 0.25 mile of the site. Populations by distance ring within one mile of 7th and Patterson Ballfields are as follows.

Distance Ring	Population	Students	Total Population
0 to ¼ mile	649	Walker Middle School: 530	1,179
¼ to ½ mile	2,505	0	2,505
½ to 1 mile	6,072	0	6,072
		Total Population within One Mile	**9,756**

Sources: Zawistoski 2013e; ODOE 2013

The 7th and Patterson Ballfields site is not used for commercial agriculture or silviculture, livestock production, or livestock grazing. Further, no terrestrial sensitive environments occur at the school. The site is a designated recreation area.

11.5 Ownership and Development History

The 7th and Patterson Ballfields site is owned by KFP Investments LLC. Although there is no record of prior development in the locations occupied by the ballfields, the lot as a whole includes three buildings that were constructed sometime between 1936 and 1950, which currently are owned by Hanard Machine. Over time, the nearest of these buildings has expanded westward, until reaching their present extent abutting the eastern edge of the ballfields area. A 1936 dated aerial photo shows the entire Hanard Machine property as cleared and

covered with low-vegetation (Hahn 2012). A 1950 dated aerial photograph depicts what appears to be a baseball diamond at the location of the current ballfields and the eastern-most portion of the building that is currently occupied by Hanard Machine (EDR 2013a).

While Hanard Machine has operated in the West Salem area since the late 1960s, Hanard Machine did not own or occupy the parcel on which the ballfields are located until their 1995 acquisition from Asten-Hill (PCA 2012a, 2012e).

According to a representative of Hanard Machine, Asten-Hill, now Asten-Johnson, had manufactured textile products such as "dryer-sheets" for use by the pulp/paper production business (E & E 2013b). While the exact process and materials used at the Salem location is not currently known, based on legal proceedings against other Asten-Hill dryer-sheet manufacturing locations, asbestos can be associated with the manufacture of these dryer-sheets (Stengel 2007). Earlier Sanborn Fire Insurance Maps show the property occupied by a "felt manufacturing" business (1978) and a "flax textile" business (1950) (EDR 2013a). Again, little detail is currently available with regard to the processes employed, resources used, or potential contaminants that may have been associated with these earlier businesses.

Hanard Machine facilities directly east of the site and on the same tax parcel provide high-precision machining work for a variety of clients and operations. Machining work can include the use of various rare/exotic earth metals, such as titanium, zirconium, hafnium, silver, tungsten, and others (Hanard 2013). According to company representatives, machining involves turning, lathing, and machining of metals delivered to the shop. No foundry, smelting, or other extractive refining work is performed on site (E & E 2013b).

In response to concerns raised by interested parties, the START reviewed NPL-related files on the Teledyne Wah Chang Albany (TWCA) facility available from the Albany Public Library. TWCA has been a client of Hanard Machine since at least the early 1980s (TWCA 1982). The TWCA facility is located approximately 20 miles south of the 7th and Patterson facility (Figure 2-1). TWCA is a facility that produces zirconium and is included on the EPA's NPL. Hanard Machine has performed milling/machining work for TWCA on such zirconium products (TWCA 1982). To process these zirconium products, TWCA receives zirconium sands and through a process of chlorination, separation, precipitation, and reduction, isolates the zirconium to produce high-purity zirconium metal products. As zirconium sands often include low levels of radionuclides, including radium 226 and radium 228, those radionuclides are a byproduct of the zirconium production process, and were among the contaminants of concern in TWCA's NPL listing. NPL documents describe radium laden sands and waste water sludges being stockpiled on the TWCA manufacturing property. Off-site disposal of these materials occurred at the U.S. Ecology Low Level Radioactive Waste Site in Hanford Reservation, Washington, or the U.S. Ecology facility in Grandview, Idaho (Parametrix 2008).

Given that radium is removed from the zirconium source sands fairly early in the extraction/refining process, the documented disposal of the waste material, that Hanard Machine's association with TWCA is reportedly limited to machining of finished items, and that Hanard Machine's occupancy of the ballfields lot did not occur until 1995, disposal of TWCA associated radium laden waste products at the Hanard Machine facility or the adjacent ballfields appears extremely unlikely.

11.6 Previous Reports

Previous environmental sampling and testing performed at the Hanard Machine property has included sampling and testing performed in connection with UST removal from the site; this report was not reviewed in connection with this PA. The results of the environmental database report generated for this PA are discussed below.

11.6.1 Environmental Database Report

A search of environmental database listings for the site and vicinity revealed numerous listings, the majority of which are located in the industrial/commercial area east-southeast of the site. Releases and contamination issues documented in this area are not considered to represent conditions significantly different than what may be encountered in most any industrially developed area, generally consisting of releases of various petroleum hydrocarbons, solvents, and heavy metals. While both Walker Middle School and Hanard Machine were listed in these databases, these listings were related to releases discovered during removal of USTs that had stored petroleum products (EDR 2013a). While the UST removal efforts at the Hanard Machine site were discussed with the property owner's representative, copies of the associated removal report(s) were not provided.

Gould Battery/GNB was also listed in database report in relation to a petroleum release, and the spill of lead oxide. After participating in the Oregon's Voluntary Cleanup Program and filing an environmental covenant that limits use of the Gould Battery/GNB property to industrial purposes, that site was granted a No Further Action status by ODEQ (EDR 2013a).

Regarding other nearby properties, Walker Middle School was listed as a "HAZMAT" site in response to a chlorine cylinder leak that had occurred at the on-site pool. Several other properties in nearby residential areas were also listed, generally in connection with heating oil tank removals (EDR 2013a).

11.7 Site Visit Observations

Prior to sampling activities, a site visit was conducted at the site. Participants included:

- Joanne LaBaw, EPA, Site Assessment Manager;
- Derek Pulvino, E & E, Project Manager; and

- Mike Carter, Hanard Machine, General Manager.

At the time of the site reconnaissance, the ballfields were enclosed by a fence, predominantly covered with grass, and exposed soils were only present in baseball diamond infield areas. No disturbed vegetation, odors, or other similar conditions were noted during site review. Surface water catchment basins were noted along curbs in the adjacent roadways.

Similar to the neighboring Walker Middle School site, the 7th and Patterson Ballfields property and immediate vicinity is a generally flat alluvial plain; a steep embankment is located several hundred feet to the north and is interpreted to locally coincide with the northern limits of the Willamette River's historic meanders. The Willamette River is located approximately 0.5 mile to the south-southeast. When necessary, the ballfields are irrigated with City water. No hose bibs or drinking water fountains were observed. Photos of the 7th and Patterson Ballfields and surrounding area are included as Appendix A, Site Visit Photos 42 to 52.

11.8 PA Sampling

Soil samples were collected from locations with exposed soils. In addition, gamma field screening was performed across the ballfields area prior to sample collection. Figure 7-3 depicts soil sample locations. Figure 7-4 depicts the approximate alignment of transects with the Viper gamma radiation screening unit and the range of gamma detections. All field work at the 7th and Patterson Ballfields property took place on June 12, 2013.

11.8.1 Gamma Radiation Field Screening

Gamma radiation field screening was conducted on the ballfields area on 25-foot transect intervals aligned roughly north to south. Figure 7-4 depicts the transect alignments and corresponding screening results. A summary of the Viper gamma radiation screening readings from this site is included in Table 6-1.

11.8.2 Surface Soil Samples

A total of four soil samples were collected from the property. These included two samples each from exposed soil on the northern (SP01SS and SP02SS) and southern (SP03SS and SP04SS) baseball diamond infields.

Sample results are presented in Tables 6-2, 6-3, and 6-4. The analytes were present at concentrations well below the surface soil ODEQ RBCs for the direct contact pathway in a residential scenario or the applicable naturally occurring concentrations.

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12 Summary and Conclusions

The West Salem PAs site focused on five individual properties located within an approximately 1.75-square-mile area on the west side of the Willamette River, in Salem, Oregon. This investigation was undertaken in response to petitions submitted by local residents concerned over multiple occurrences of osteosarcoma (a rare form of bone cancer) in the West Salem area of Oregon. The specific properties were selected for inclusion in the West Salem PAs during discussions that took place between the EPA, parents of the children who had osteosarcoma, and other interested parties. Locations selected for this assessment were identified as places where the children had frequented.

One of the sites under review (7th and Patterson Ballfields) is part of a parcel that is, and has been, owned and occupied by commercial/industrial interests; however, there is no record of the ballfields area of the property having been used for commercial purposes such as storage, manufacturing, disposal, etc. The remaining sites included in the West Salem PAs are currently two parks (Wallace Marine Park, Orchard Heights Park) and two schools (Walker Middle School and West Salem High School). Prior to these occupancies, these properties had been used as orchard/agricultural land and/or residential property (West Salem High School and Orchard Heights Park), or as athletic fields (Walker Middle School). Prior to use as a park, Wallace Marine Park was not previously developed.

To help with identifying properties with the potential for environmental contamination, an environmental database report was generated for each site. While these reports identified multiple cleanup sites within the database search radii, the types of contamination and cleanup work performed was similar to what one would expect to find in most any industrial/commercially developed area across the country. Two sites under study (Walker Middle School and 7th and Patterson Ballfields) were both listed in the database report; the listings were related to removal and cleanup of USTs that had stored petroleum products.

To supplement the background research and documentation, sampling and testing of sediment and soil was undertaken by the START from June 10, 2013 through June 14, 2013. A total of 45 samples, including background samples, were collected for the PAs. At least three samples were collected from each site and submitted for the analysis of pesticides, PCBs, metals, SVOCs, and radionuclides. In addition, gamma activity level field screening was performed at each property.

Based on analysis of these samples, with few exceptions, the concentrations identified in the samples were well below established health-based residential screening levels. These exceptions included some organic and inorganic constituents detected in sediment samples.

The organic constituents, or SVOCs, identified above a health-based screening levels were benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. These five SVOCs were present in the three sediment samples collected from Orchard Heights Park at concentrations in excess of the soil RBC for direct contact in a residential scenario. One sample (WP01SD) collected from Wallace Marine Park contained benzo(a)pyrene at a concentration above the residential soil RBC.

In addition, cobalt was detected in the three sediment samples from Orchard Heights Park at concentrations in excess of the EPA RSL for direct contact with soil. Manganese was detected in one of the Orchard Heights Park sediment samples at a concentration above the naturally occurring concentration established by ODEQ.

The five SVOCs, also referred to as PAHs, can be created by naturally occurring processes, as well as through the incomplete combustion of organic materials such coal, oil, gas, or garbage (EPA 2008). PAHs are classified as carcinogens, exposure to which can result in lung, skin, bladder, liver, and stomach cancer; however, these cancers typically develop as a result of long-term occupational exposure (ATSDR 2008). The carcinogenicity of cobalt and manganese, both of which are naturally occurring metals, has not been established (EPA 2014a, 2014b)

With respect to the detections at Orchard Heights Park, following receipt of sample results, the START reviewed GIS data obtained from the City of Salem regarding storm water management systems in the vicinity of the Orchard Heights Park. Based on this information, surface water runoff captured by the drainage basins along the roadways from many of the surrounding residential developments is discharged to Glenn Creek. As a point of reference, four outfalls are mapped as discharging to Glenn Creek in the first approximately 400 feet after the creek enters the park.

Finally, it should be emphasized that the above discussion comparing sediment sample results to RBCs and RSLs developed for direct contact with soil in a residential scenario likely represents a very conservative comparison. This relates to the methodology used in developing action levels, which take into account both the toxicity/carcinogenicity of the substance and the time one may be in contact with the substance. Higher toxicity values and longer potential exposure times result in lower cleanup levels. As one may expect, a population spends less time in a park than at their residence, and less time still in contact with sediments in a creek or river at the park; therefore, the use of the residential soil cleanup levels for sediment samples is conservative since sediment exposure times can be expected to be lower than for soils and these lower exposure times would result in sediment cleanup values that are higher than soil cleanup values.

Various radiological substances have been detected above the minimum detectable concentration in samples analyzed during this review. In comparing these results to analysis of samples collected from the background location, many results were "elevated," as defined in Section 5 of this report. It is recognized that this method of determining elevated concentrations of radionuclides represents a very conservative approach. In response to this concern, EPA and START consulted with a Health Physicist at the Oregon Health Authority regarding radiation exposure and dosage risk.

The State of Oregon has established 25 mrem/year above natural background radiation as the annual health-based ceiling for whole-body radiation dosage. Exposure to radiation above these levels could result in negative health effects. To compare data obtained from this sampling, Oregon Health Authority calculated an inhalation dose based on the soil results for all of the samples. For example, for West Salem High School, the annual inhalation dose calculated based on the concentrations of the radionuclides, uranium 238 and thorium 232, would be 0.008 mrem/yr and 0.050 mrem/yr, respectively, which are dosages well below the annual exposure limit of 25 mrem/year. Further, even if the most prevalent natural radionuclide maximums encountered at this same location were summed, the annual inhalation dose would still be less than 0.1 mrem. The annual external radiation dose would be even lower than that calculated for the inhalation dose (OHA 2013).

In summary and given the foregoing, none of the environmental factors measured were present at concentrations that would be expected to contribute to an increased risk of osteosarcoma. Further, these assessments did not identify any sources of contamination that would require further investigation or cleanup by EPA

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Figures

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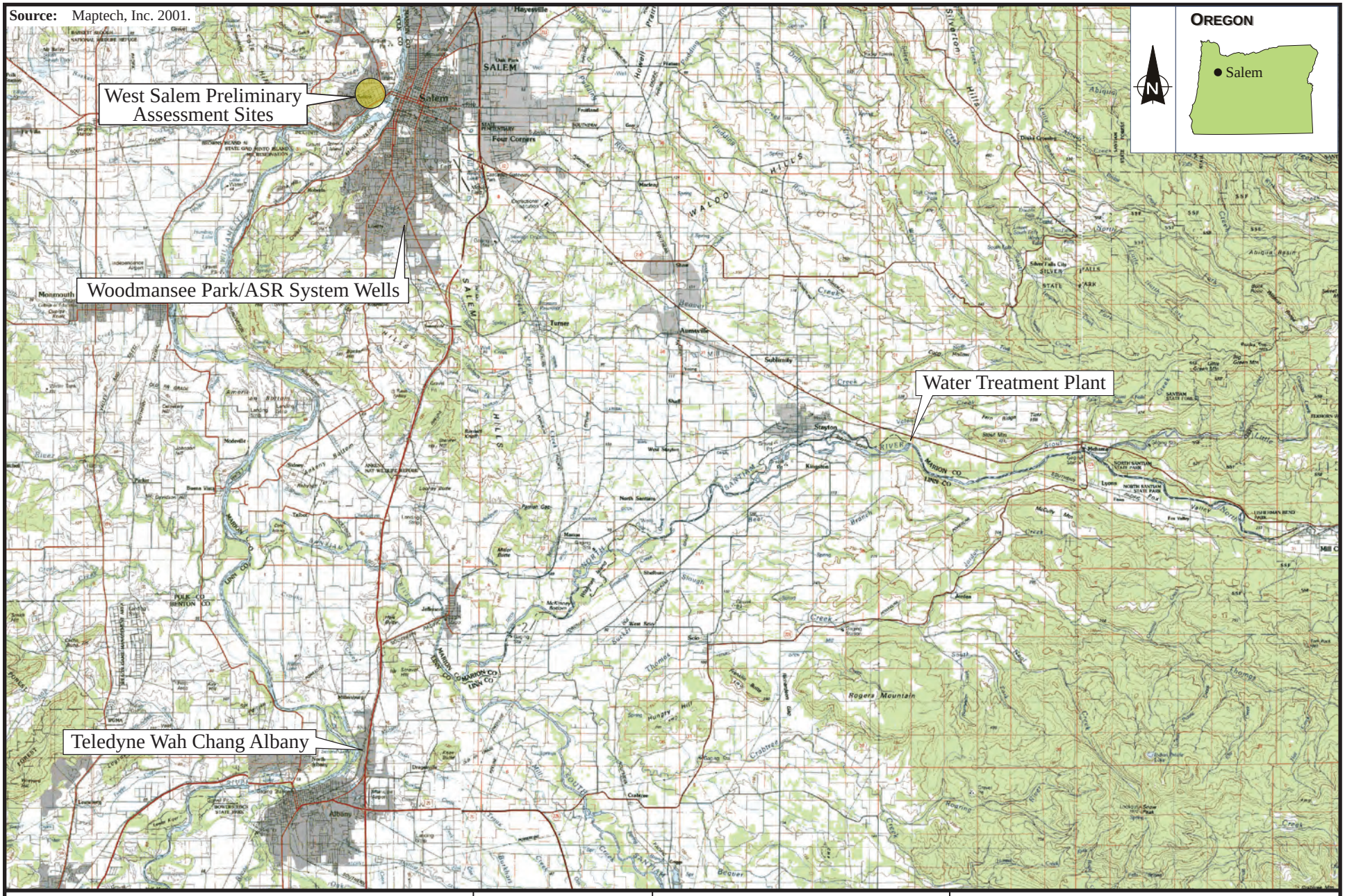

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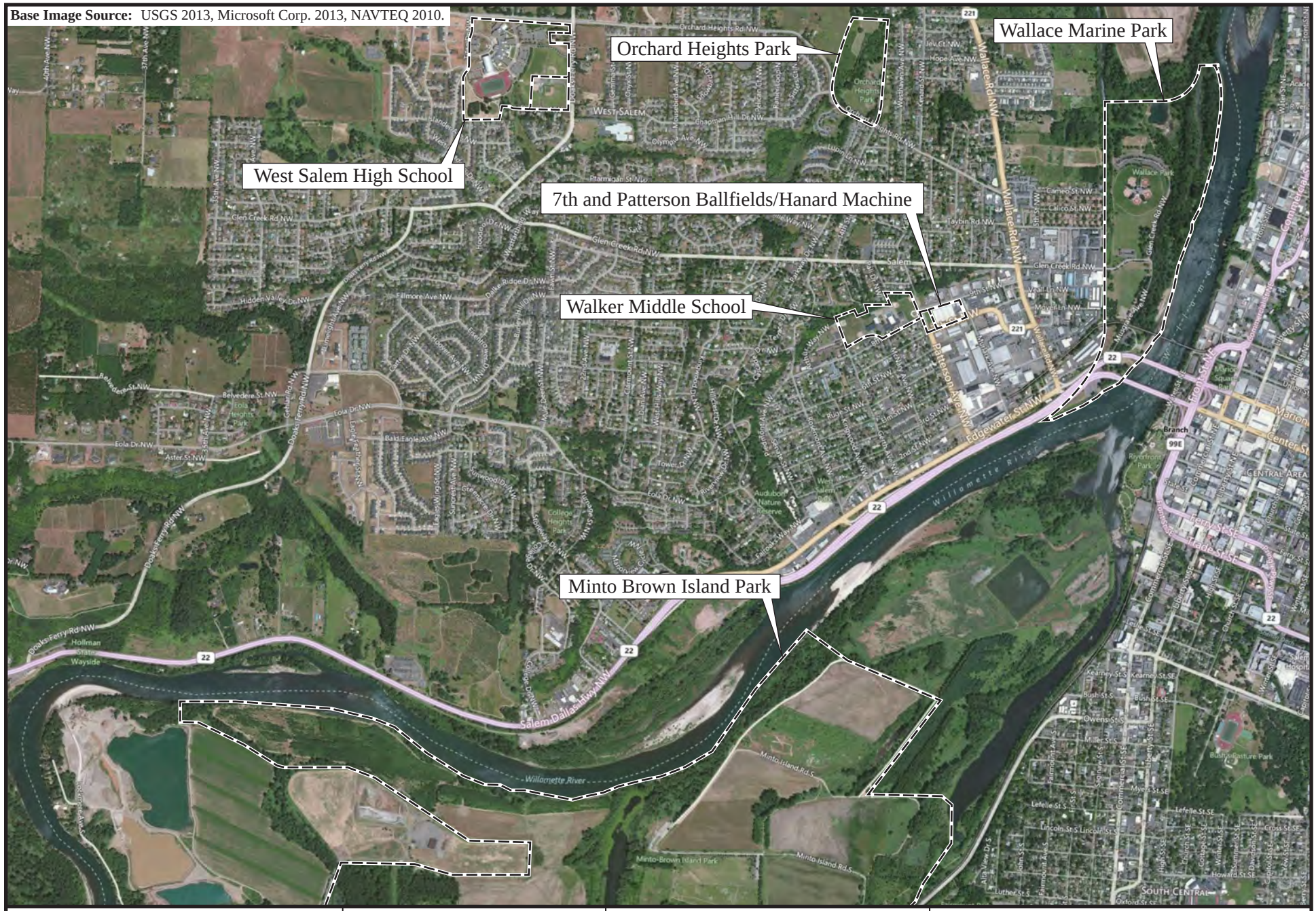
Seattle, Washington

0 2 4
Approximate Scale in Miles

WEST SALEM
PRELIMINARY ASSESSMENTS
Salem, Oregon

Figure 2-1
SITE LOCATION MAP

Date:	Drawn by:	
12/12/13	AES	10:START-IV\13040002\fig 2-1



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Global Environmental Specialists
Seattle, Washington

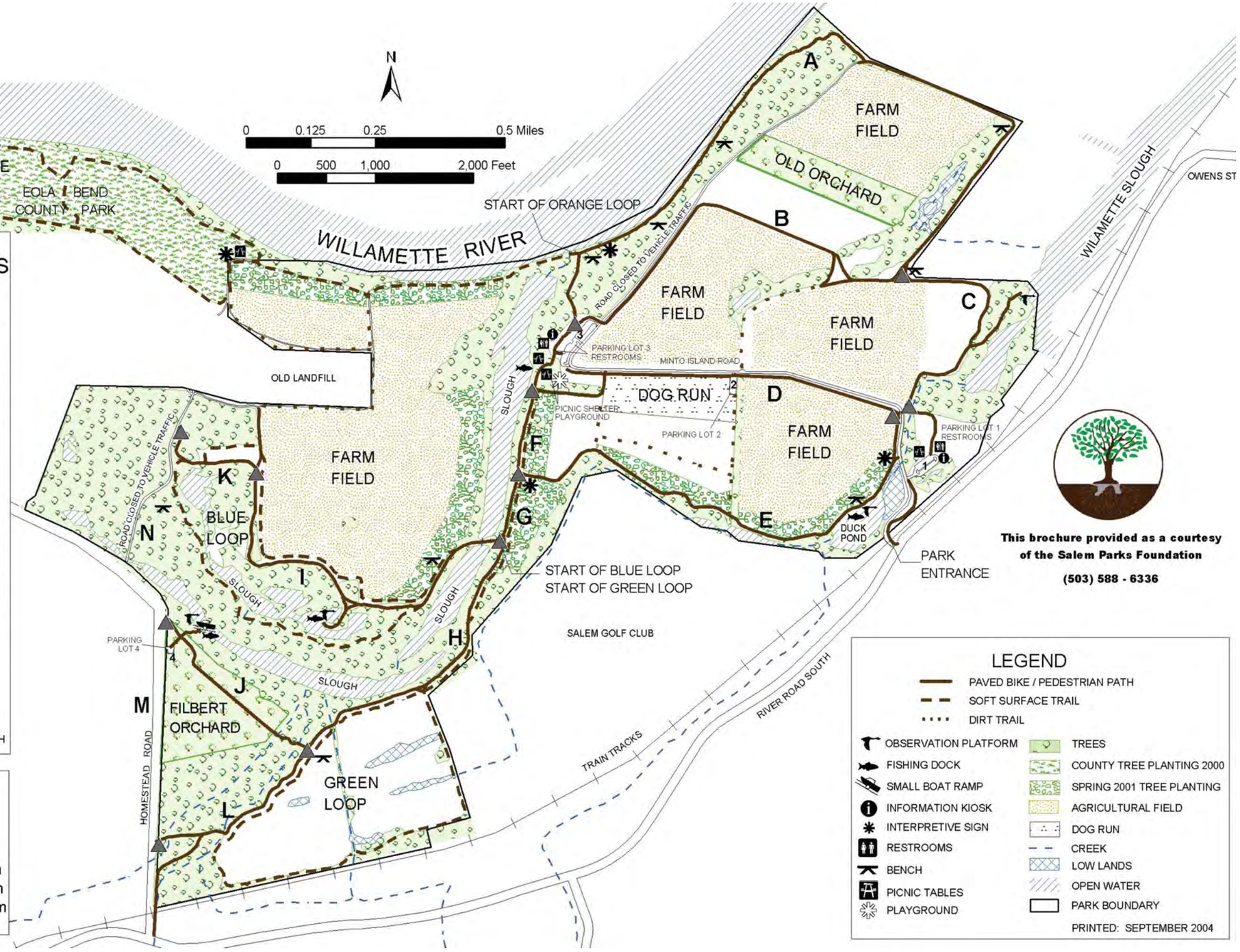
N

0 0.25 0.5
Approximate Scale in Miles

WEST SALEM
PRELIMINARY ASSESSMENTS
Salem, Oregon

Figure 2-2
VICINITY MAP

Date:	Drawn by:	
12/20/13	AES	10:START-IV\13090016\fig 2-2



PAVED PATH DISTANCES

Path	Feet *	Miles*	Km*
A	8282	1.57	2.52
B	4318	0.82	1.32
C	2412	0.46	0.74
D	3962	0.75	1.21
E	5130	0.97	1.56
F	842	0.16	0.26
G	605	0.11	0.18
H	3137	0.59	0.96
I	4200	0.80	1.28
J	2043	0.39	0.62
K	1189	0.23	0.36
L	1977	0.37	0.60
M **	2248	0.43	0.69
N **	2285	0.43	0.70

* DISTANCE MARKED BETWEEN ▲

** HOMESTEAD ROAD IS NOT A DESIGNATED PATH

SOFT SURFACE TRAIL DISTANCES

BLUE LOOP	1.89 mi	3.05 Km
GREEN LOOP	1.82 mi	2.92 Km
ORANGE LOOP	3.04 mi	4.88 Km

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WEST SALEM PRELIMINARY ASSESSMENT
Salem, Oregon

Figure 6-1
MINTO-BROWN ISLAND PARK (BACKGROUND LOCATION)

Date:	Drawn by:	
1/29/14	AES	10:START-IV\13040002\fig 6-1

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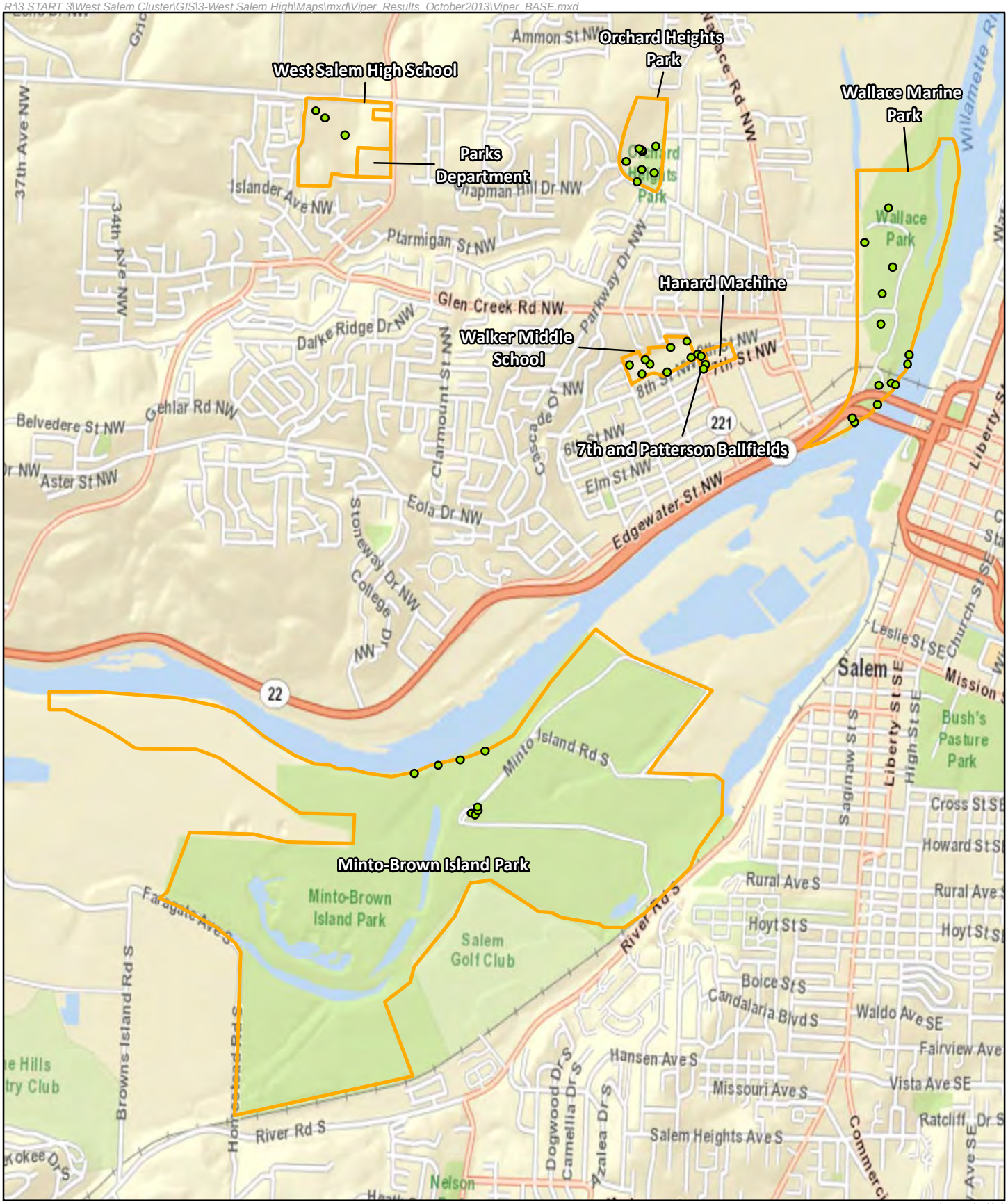

Source: ESRI 2013

Sample Locations

Property Boundaries

0 700 1,400 2,800 Feet

N

West Salem Preliminary Assessments Site and Sample Location Map

West Salem, Oregon

Figure 6-2

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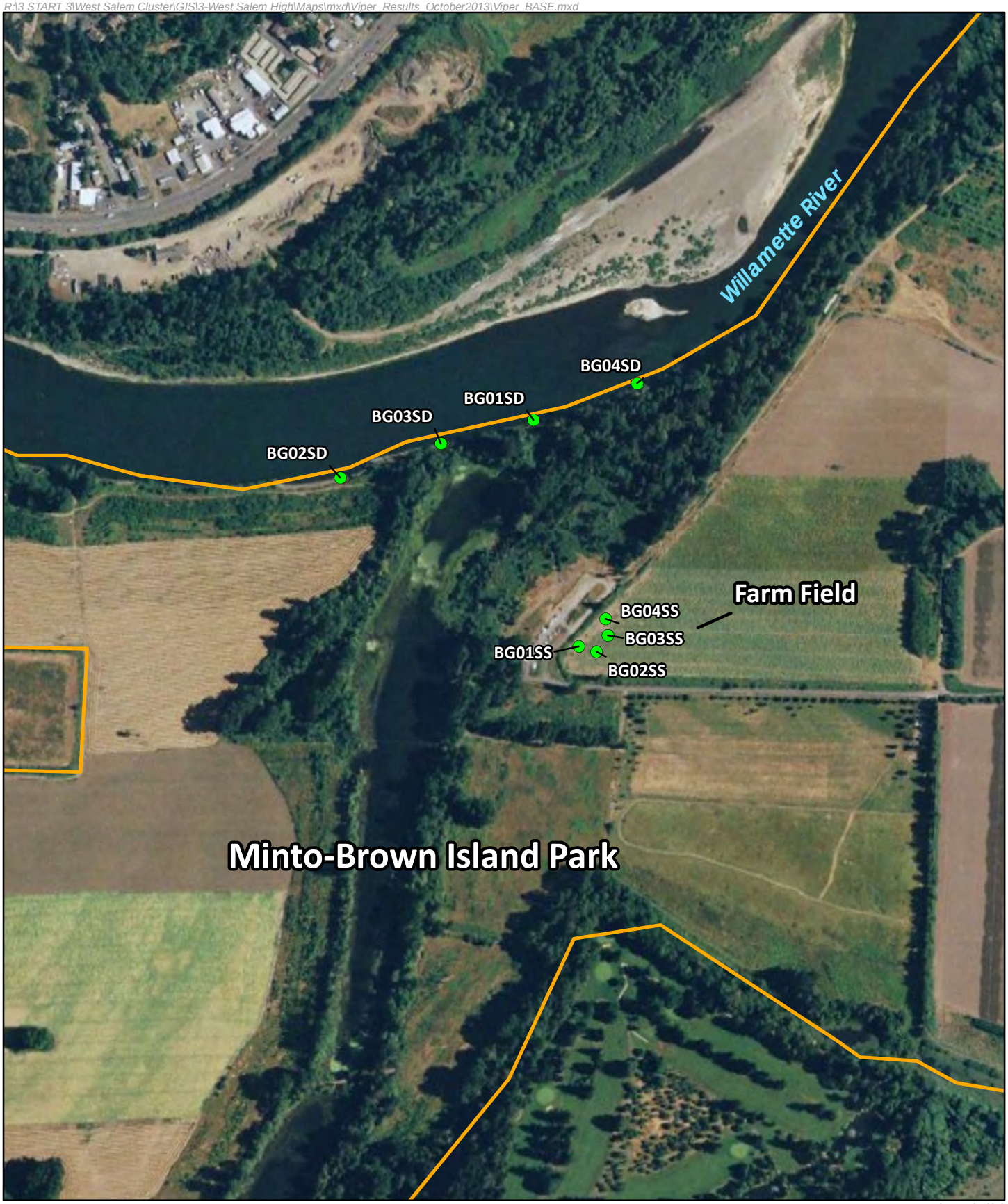
R:\3 START 3\West Salem Cluster\GIS\3-West Salem High\Maps\mxd\Viper_Results_October2013\Viper_BASE.mxd



Source: ESRI 2013

Sample Locations

Property Boundaries

0 200 400 800 Feet

N

West Salem Preliminary Assessments
Sample Location Map
Minto-Brown Park
West Salem, Oregon

Figure 6-3

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R:\3 START 3\West Salem Cluster\GIS\3-West Salem High\Maps\mxd\Viper_Results_October2013\Viper_BASE.mxd

Source: ESRI 2013

0-2.92 kC/m

Property Boundaries

0 100 200 400 Feet

N

West Salem Preliminary Assessments
Gamma Screening Transects
Minto-Brown Park
West Salem, Oregon

Figure 6-4

ecology and environment, inc.
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ecology and environment, inc.
Global Environmental Specialists
Seattle, Washington

N

0 100 200
Approximate Scale in Feet

WEST SALEM
PRELIMINARY ASSESSMENTS
Salem, Oregon

Figure 7-1
WALKER MIDDLE SCHOOL - SITE PLAN

Date:	Drawn by:	
12/12/13	AES	10:START-IV\13090016\fig 7-1

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Seattle, Washington

WEST SALEM
PRELIMINARY
ASSESSMENTS
Salem, Oregon

Figure 7-2
WALKER MIDDLE SCHOOL AREA
INDUSTRIAL/COMMERCIAL SITES

Date:	Drawn by:	
1/29/14	AES	10:START-IV\13040002\fig 7-2

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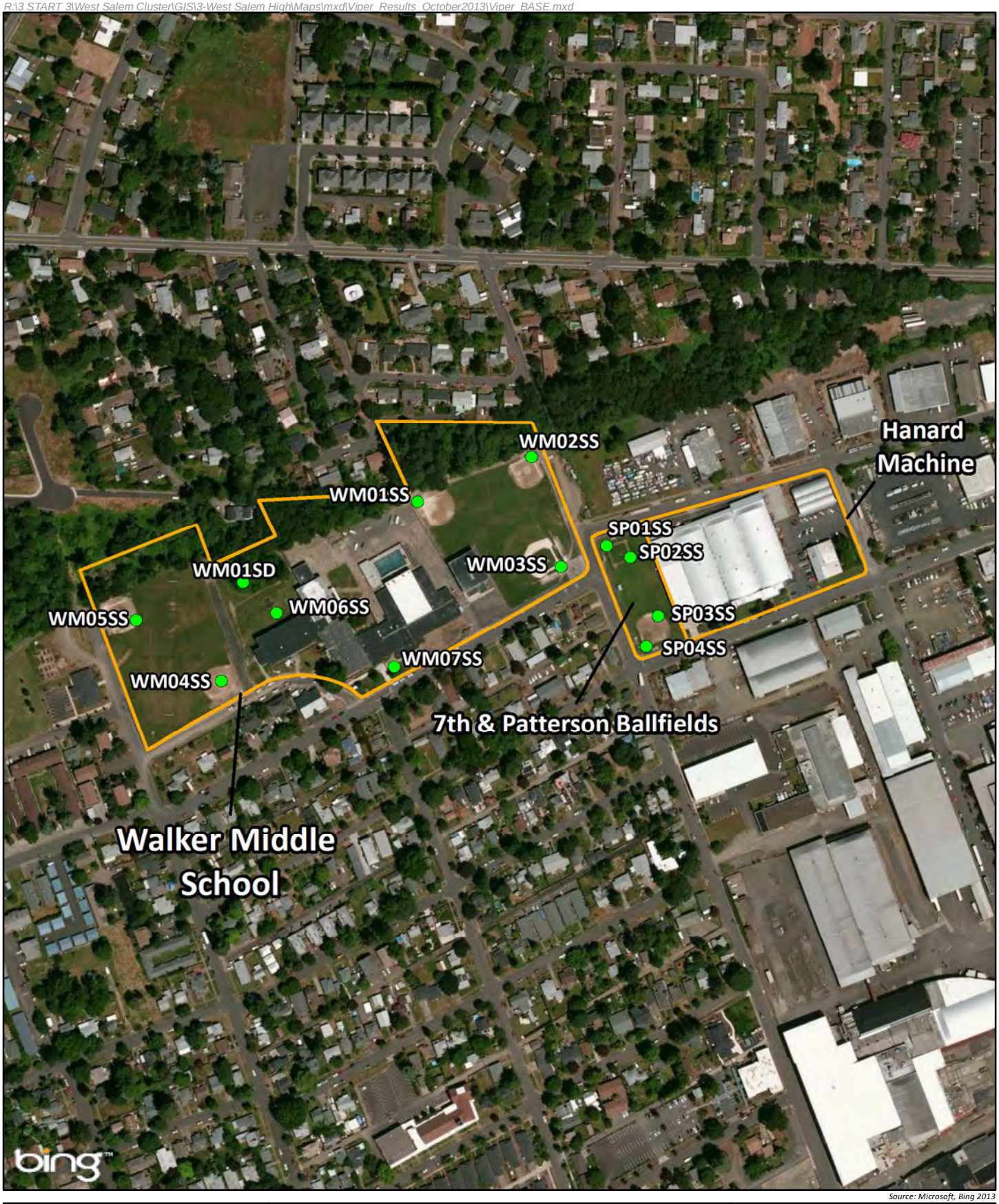

Source: Microsoft, Bing 2013

Sample Locations

Property Boundaries

0 125 250 500 Feet

N

West Salem Preliminary Assessments Sample Location Map

Walker Middle School &
7th & Patterson Ballfields
West Salem, Oregon

Figure 7-3

ecology and environment, inc.
Global Specialists in the Environment

R:\3 START 3\West Salem Cluster\GIS\3-West Salem High\Maps\mxd\Viper_Results_October2013\Viper_BASE.mxd

Source: Microsoft, Bing 2013

0-2.92 kC/m

Property Boundaries

0 125 250 500 Feet

N

West Salem Preliminary Assessments

Gamma Screening Transects

Walker Middle School &

7th & Patterson Ballfields

West Salem, Oregon

Figure 7-4

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ecology and environment, inc.
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N

0 200 400
Approximate Scale in Feet

WEST SALEM
PRELIMINARY ASSESSMENTS
Salem, Oregon

Figure 8-1
WEST SALEM HIGH SCHOOL - SITE PLAN

Date:	Drawn by:	
12/12/13	AES	10:START-IV\13040002\fig 8-1

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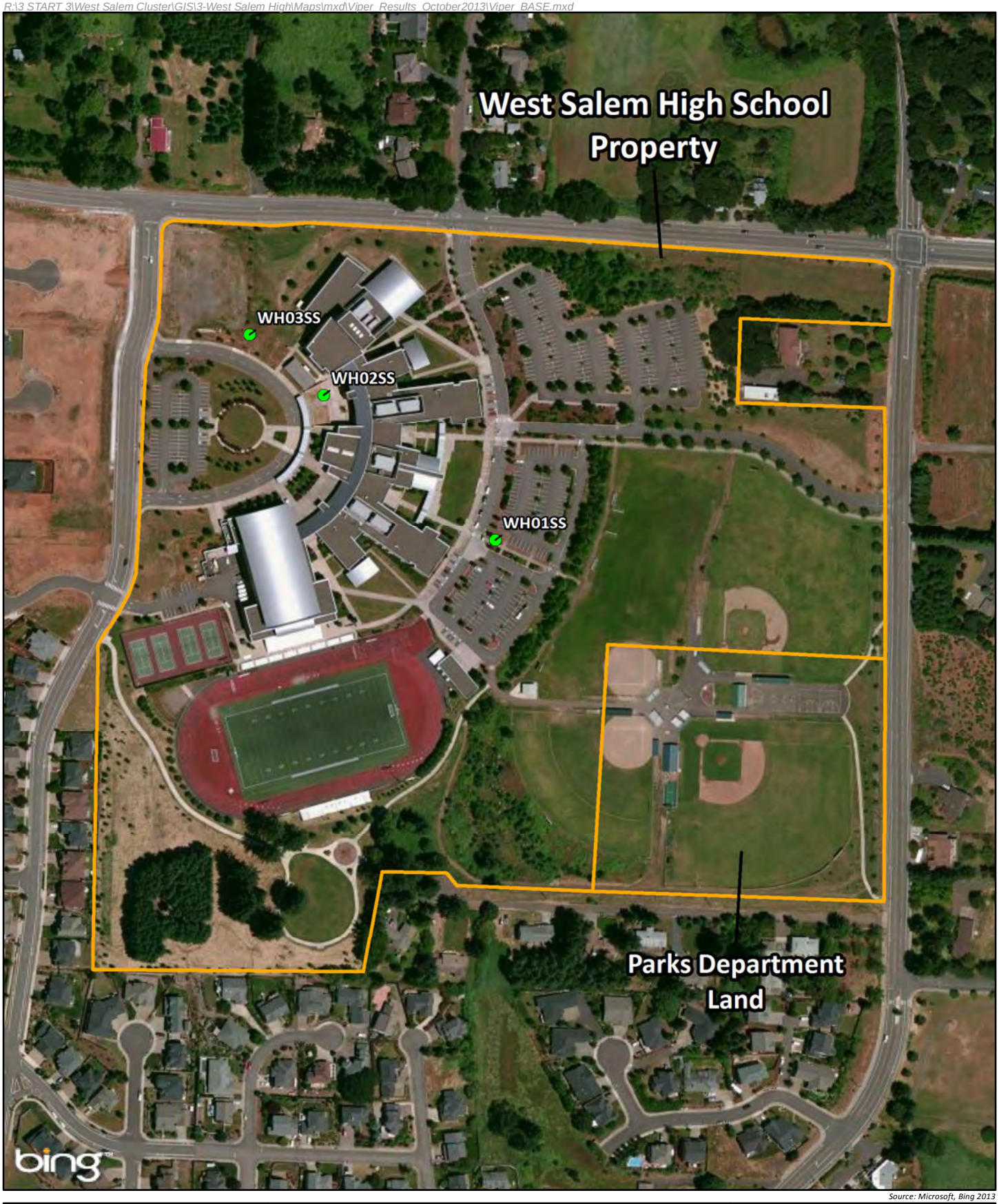


Source: Microsoft, Bing 2013

Sample Locations
Property Boundaries

0 100 200 400 Feet

N

West Salem Preliminary Assessments
Sample Location Map
West Salem High School
West Salem, Oregon

Figure 8-2

ecology and environment, inc.
Global Specialists in the Environment

R:\3 START 3\West Salem Cluster\GIS\3-West Salem High\Maps\mxd\Viper_Results_October2013\Viper_BASE.mxd

Source: Microsoft, Bing 2013

0-2.92 kC/m

Property Boundaries

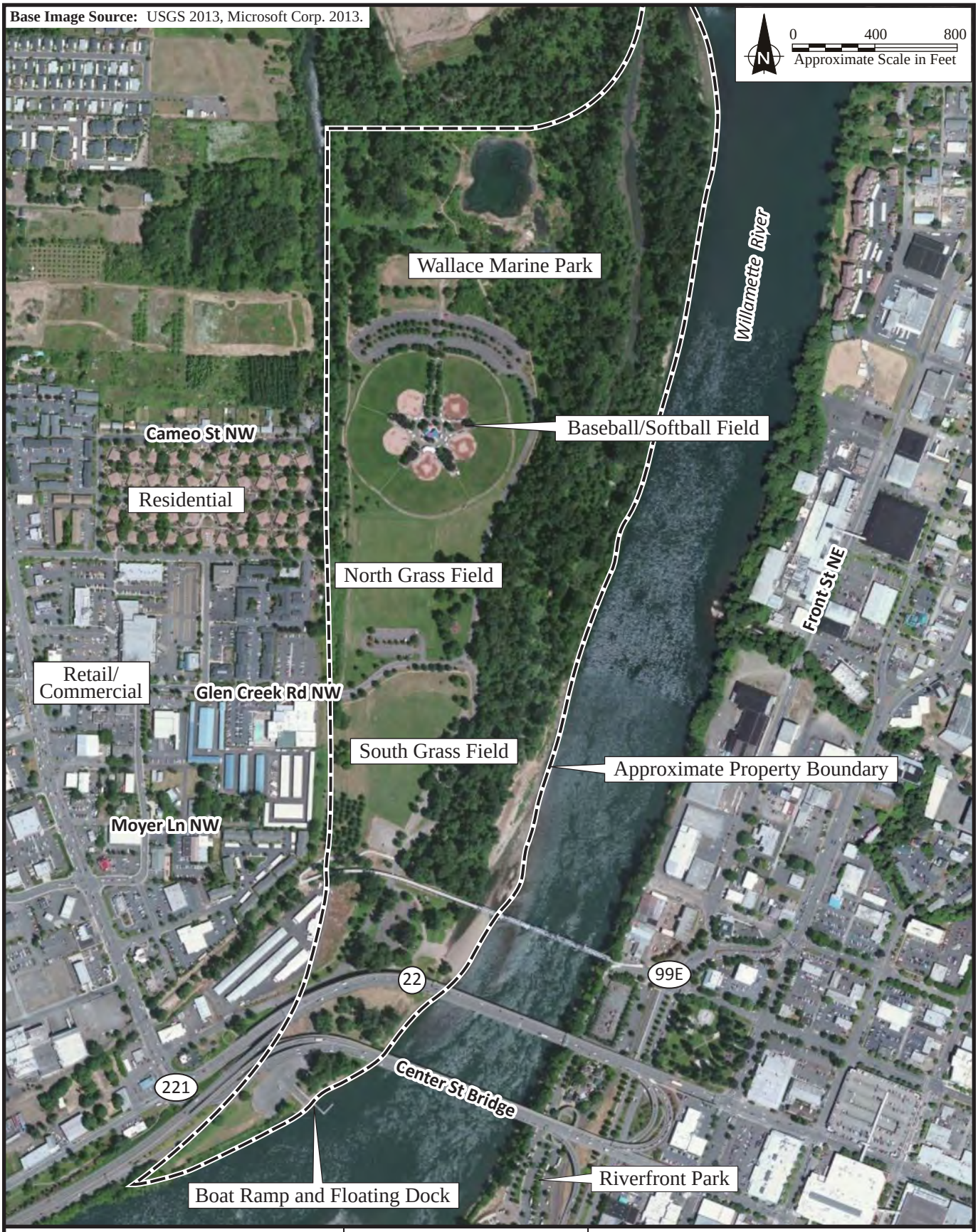
0 100 200 400 Feet

N

West Salem Preliminary Assessments
Gamma Screening Transects
West Salem High School
West Salem, Oregon

Figure 8-3

ecology and environment, inc.
Global Specialists in the Environment



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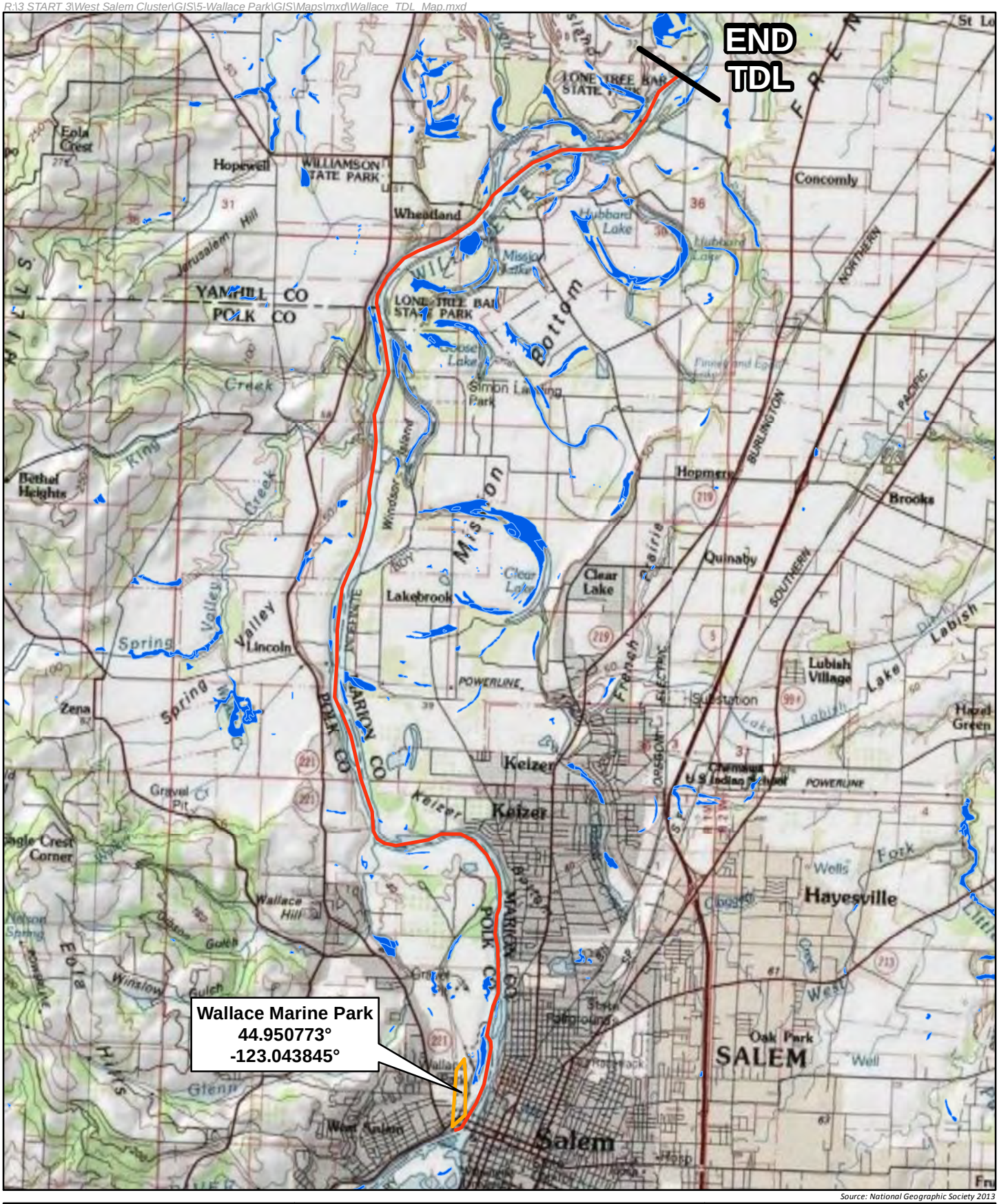
WEST SALEM
PRELIMINARY
ASSESSMENTS
Salem, Oregon

Figure 9-1
WALLACE MARINE PARK - SITE PLAN

Date:	Drawn by:	
12/12/13	AES	10:START-IV\13090016\fig 9-1

R:\3 START 3\West Salem Cluster\GIS\5-Wallace Park\GIS\Maps\mxd\Wallace_TDL_Map.mxd



0 0.5 1 2 Miles

N

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West Salem Preliminary Assessment
Wallace Marine Park

West Salem, Oregon

Site/Source Area | TDL | NWI Wetlands

Figure 9-2
15-Mile Target Distance Limit (TDL) Map

E & E added site name and coordinates to the map.
Sources: Topographic map from ESRI and NGS 2013, NWI Wetlands 2013.

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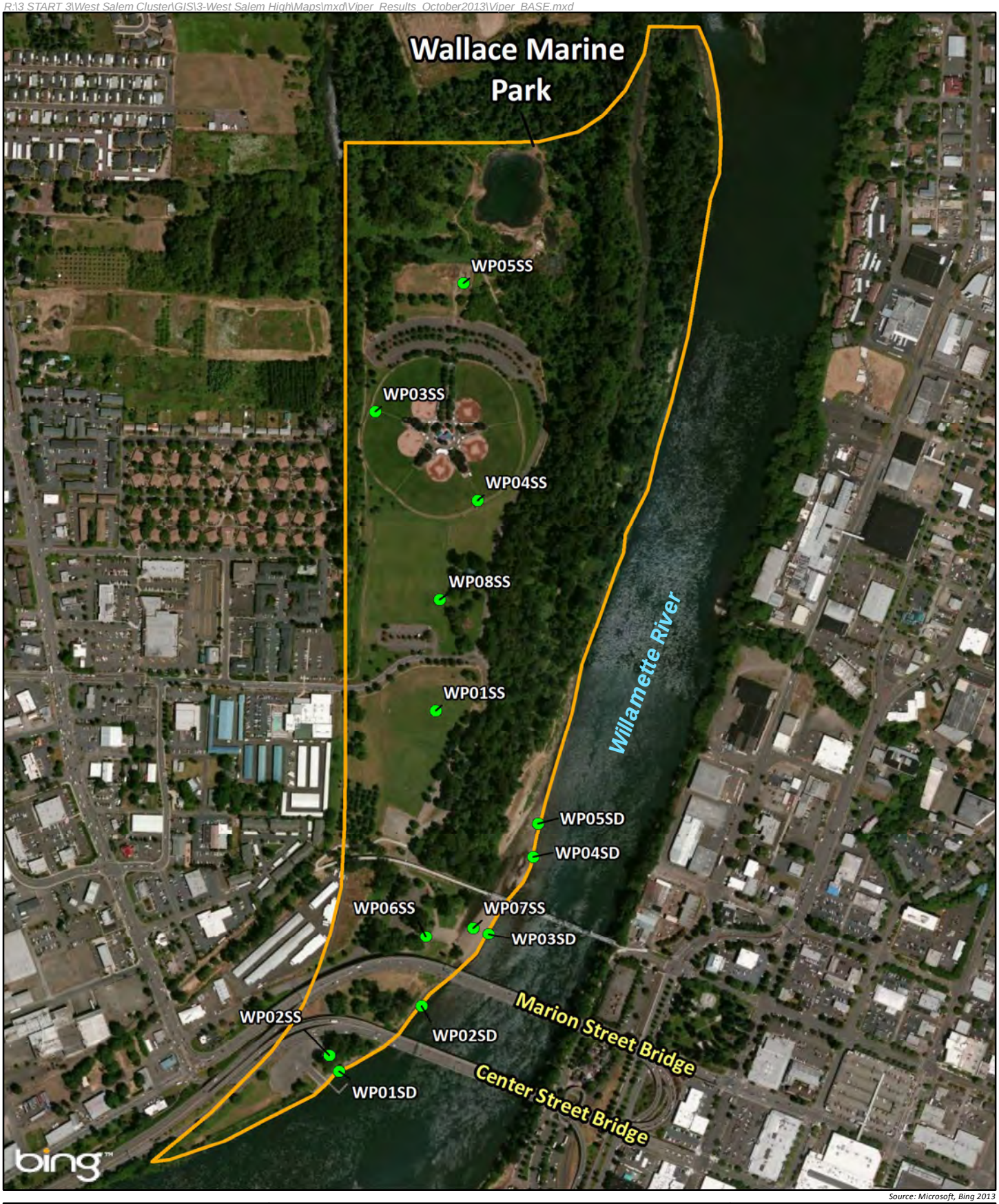


Source: Microsoft, Bing 2013

Sample Locations

Property Boundaries

0 200 400 800 Feet

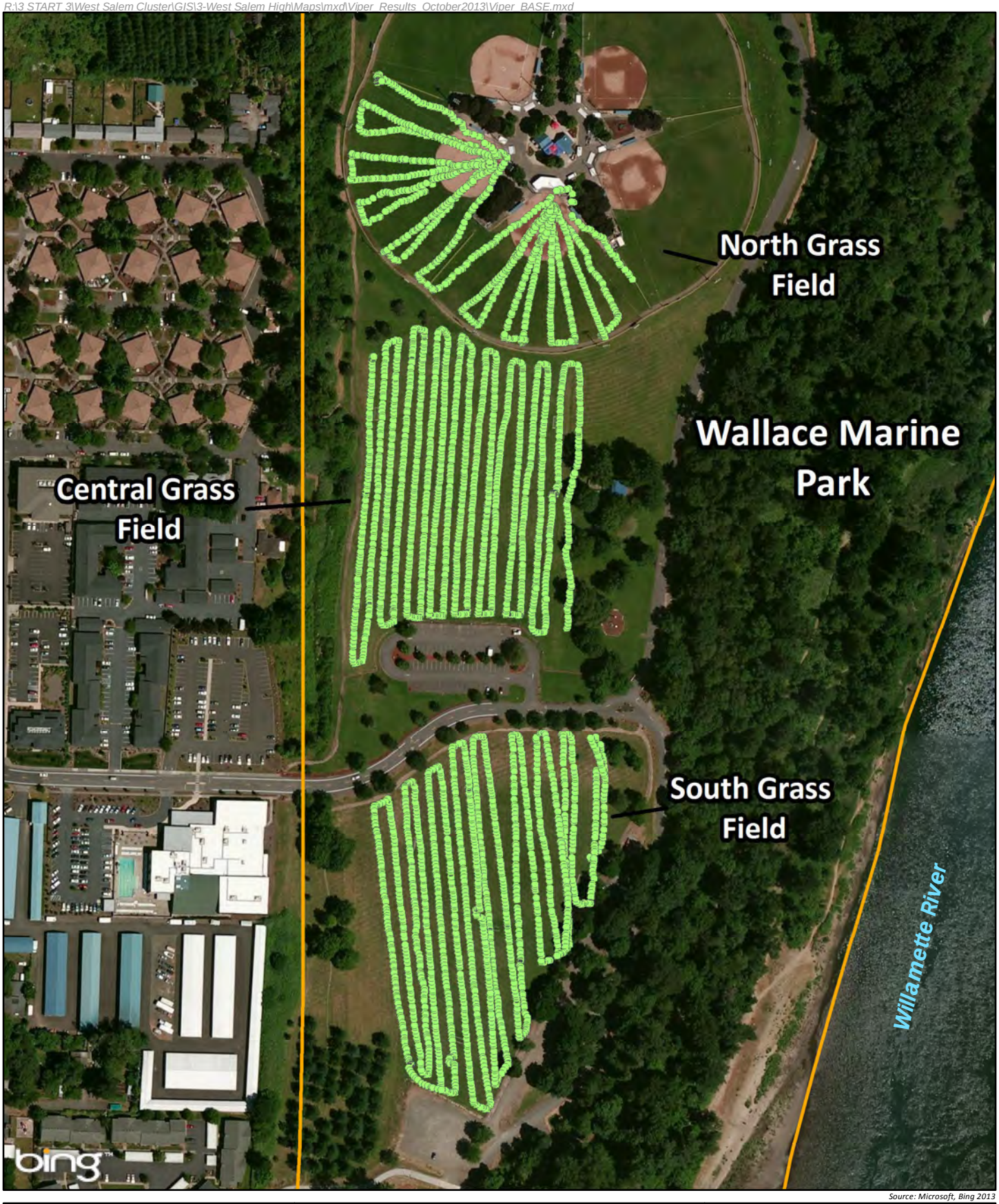
N

West Salem Preliminary Assessments
Sample Location Map
Wallace Marine Park
West Salem, Oregon

Figure 9-3

ecology and environment, inc.
Global Specialists in the Environment

R:\3 START 3\West Salem Cluster\GIS\3-West Salem High\Maps\mxd\Viper_Results_October2013\Viper_BASE.mxd



Source: Microsoft, Bing 2013

0-2.92 kC/m

Property Boundaries

0 100 200 400 Feet

N

West Salem Preliminary Assessments
Gamma Screening Transects
Wallace Marine Park
West Salem, Oregon

Figure 9-4

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WEST SALEM
PRELIMINARY
ASSESSMENTS
Salem, Oregon

Figure 10-1
ORCHARD HEIGHTS PARK - SITE PLAN

Date: 12/17/13	Drawn by: AES	10:START-IV\13040002\fig10-1

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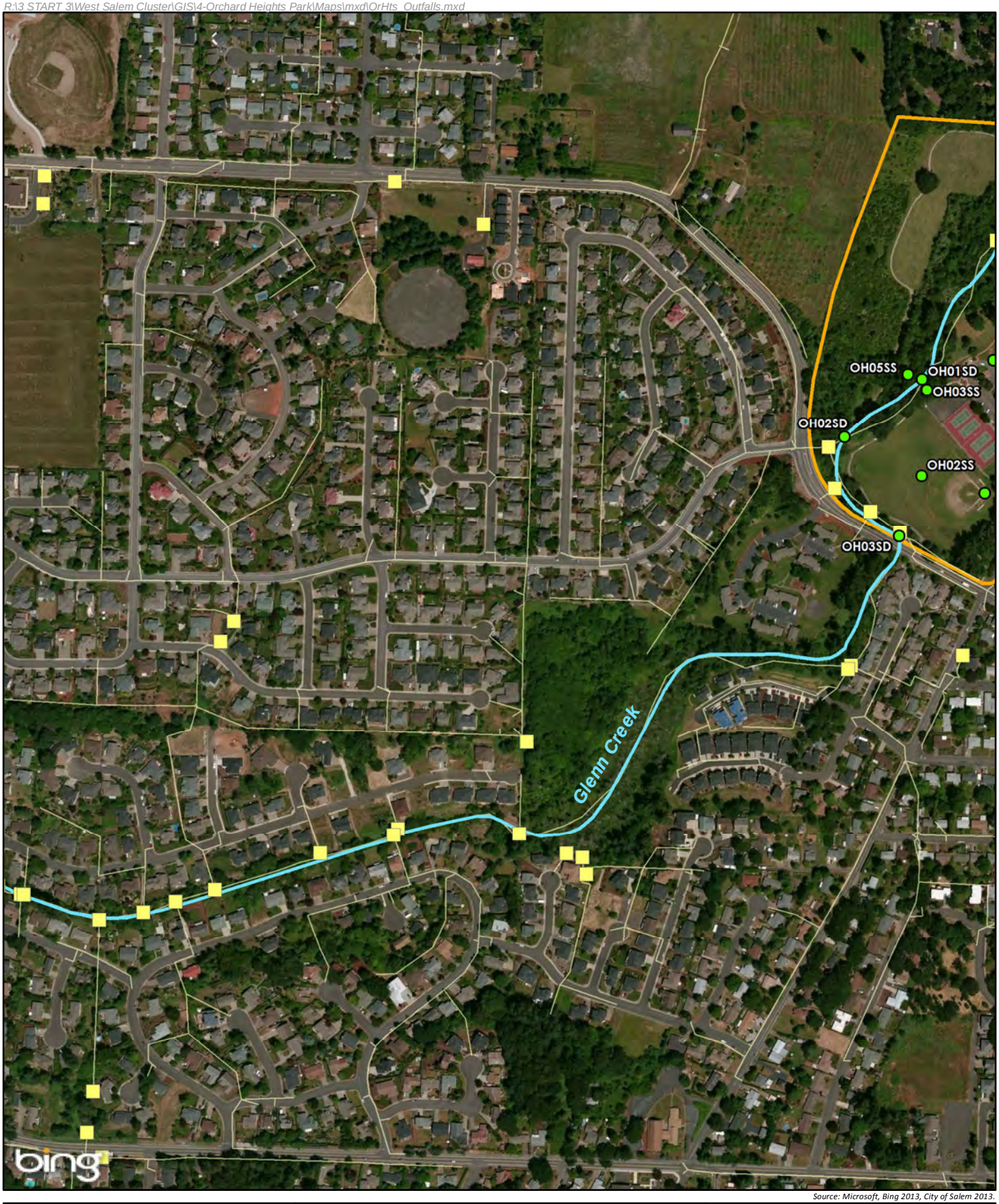


Source: Microsoft, Bing 2013, City of Salem 2013.

Sample Locations
Storm System
Outfalls
Property Boundary

0 150 300 600 Feet

N

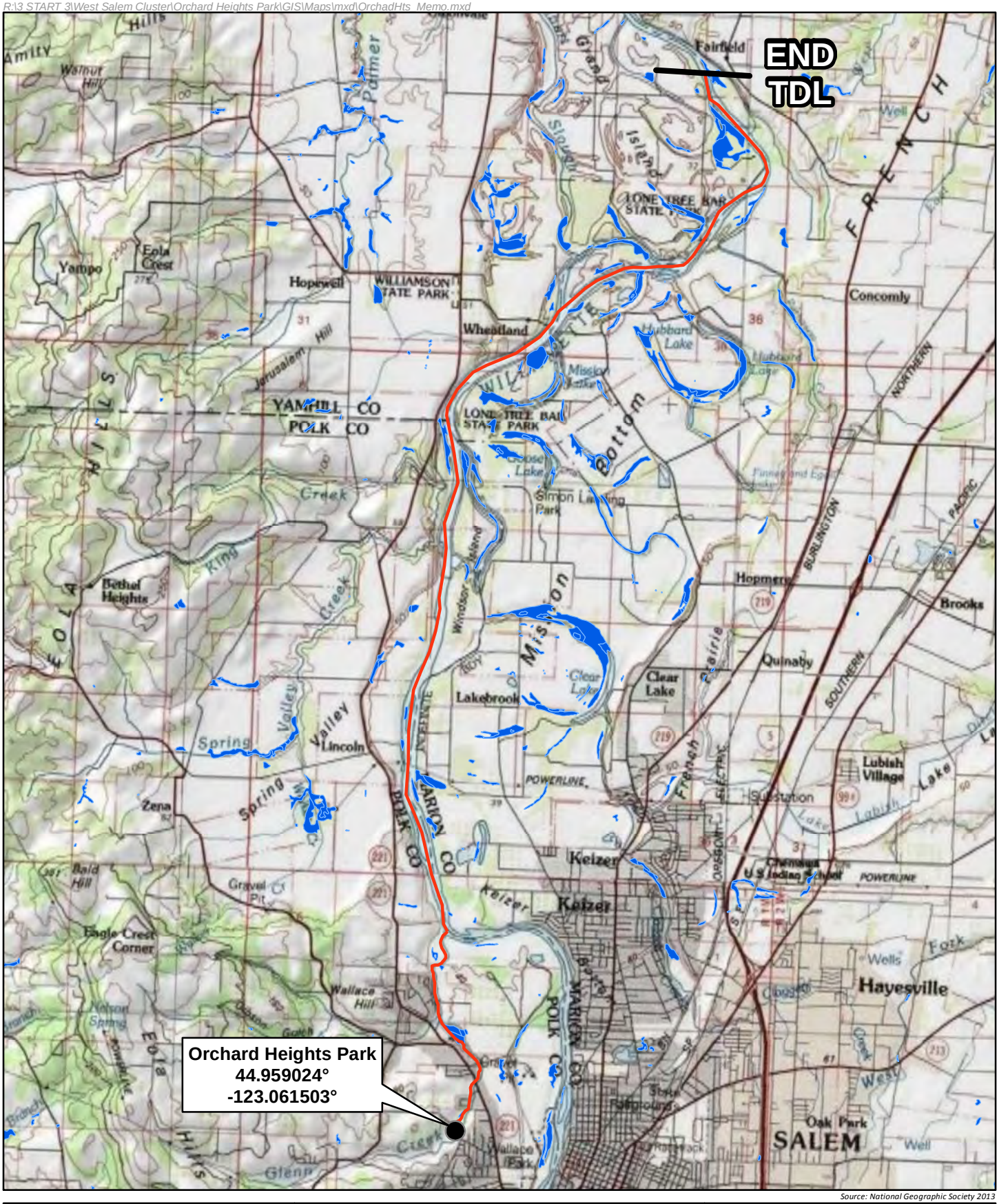
West Salem Preliminary Assessments
Orchard Heights Park
Area Storm Water Outfalls

West Salem, Oregon

Figure 10-2

ecology and environment, inc.
Global Specialists in the Environment

R:\3 START 3\West Salem Cluster\Orchard Heights Park\GIS\Maps\mxd\OrchadHts_Memo.mxd



Source: National Geographic Society 2013

0 0.5 1 2 Miles

N

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Global Environmental Specialists

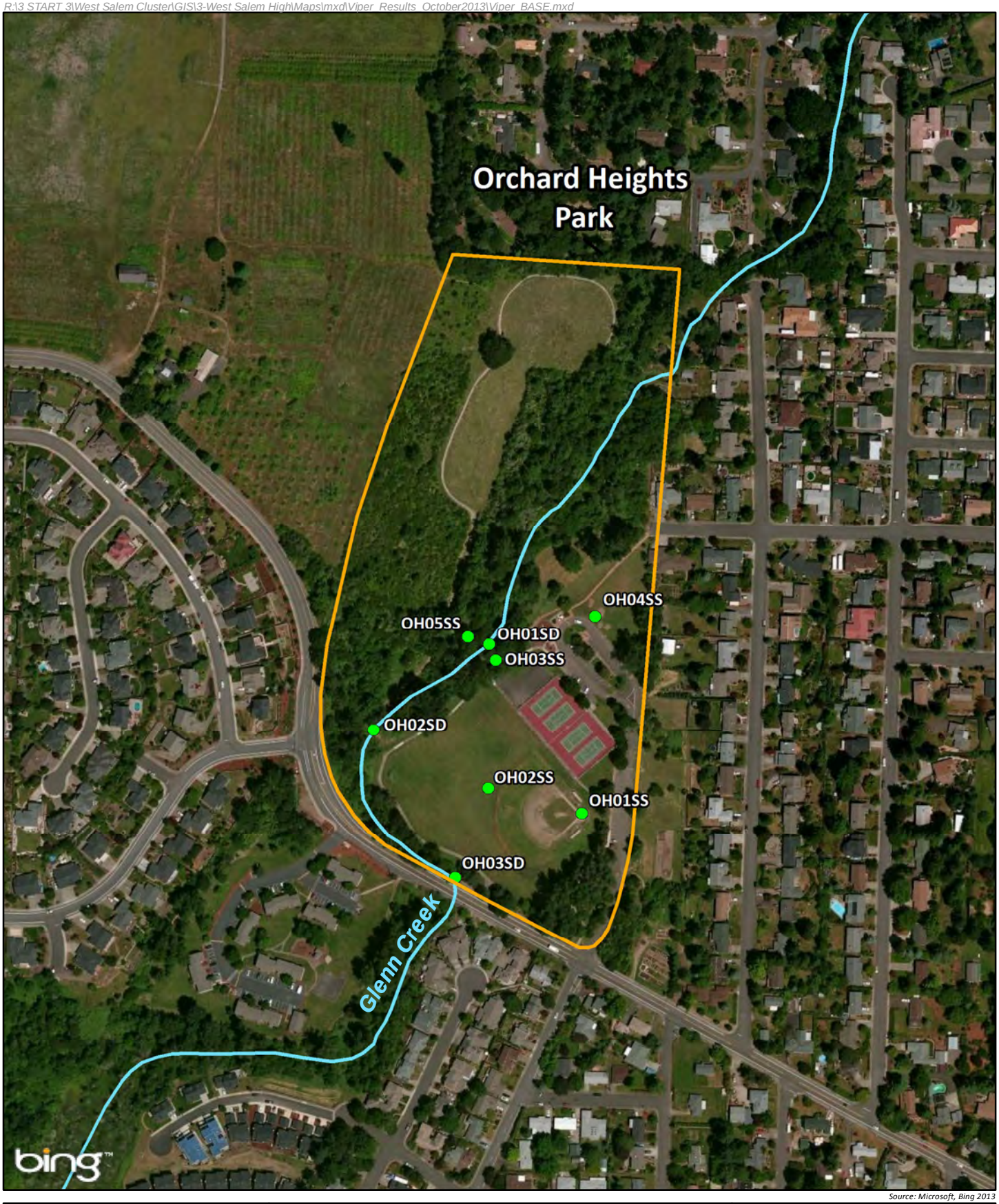
West Salem Preliminary Assessment
Orchard Heights Park
West Salem, Oregon

● Site Location — TDL ■ NWI Wetlands

Figure 10-3
15-Mile Target Distance Limit (TDL) Map

E & E added site name and coordinates to the map.
Sources: Topographic map from ESRI and NGS 2013, NWI Wetlands 2013.

R:\3 START 3\West Salem Cluster\GIS\3-West Salem High\Maps\mxd\Viper_Results_October2013\Viper_BASE.mxd



Source: Microsoft, Bing 2013

Sample Locations

Property Boundaries

0 100 200 400 Feet

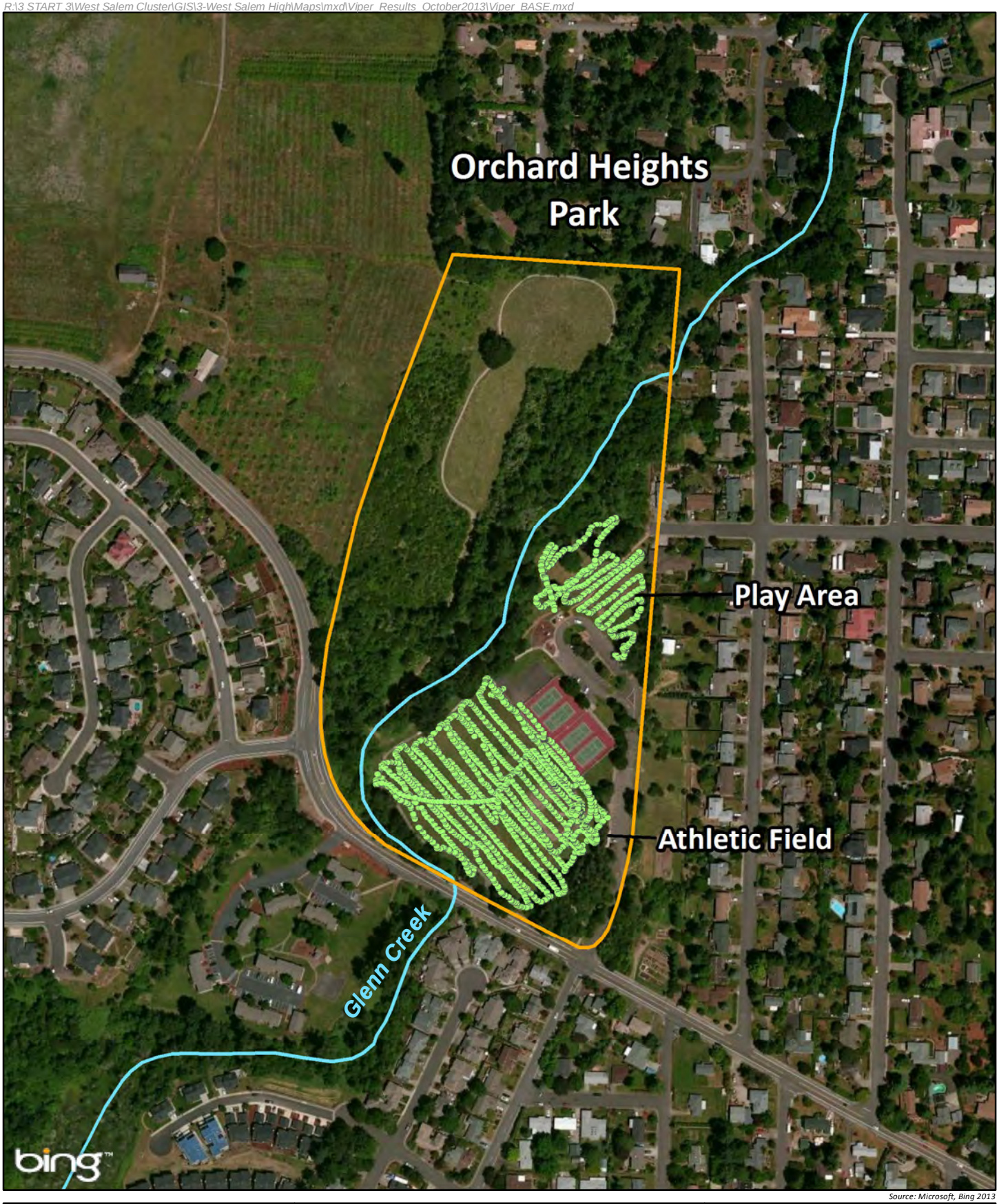
N

West Salem Preliminary Assessments
Sample Location Map
Orchard Heights Park
West Salem, Oregon

Figure 10-4

ecology and environment, inc.
Global Specialists in the Environment

R:\3 START 3\West Salem Cluster\GIS\3-West Salem High\Maps\mxd\Viper_Results_October2013\Viper_BASE.mxd



Source: Microsoft, Bing 2013

0-2.92 kC/m

Property Boundaries

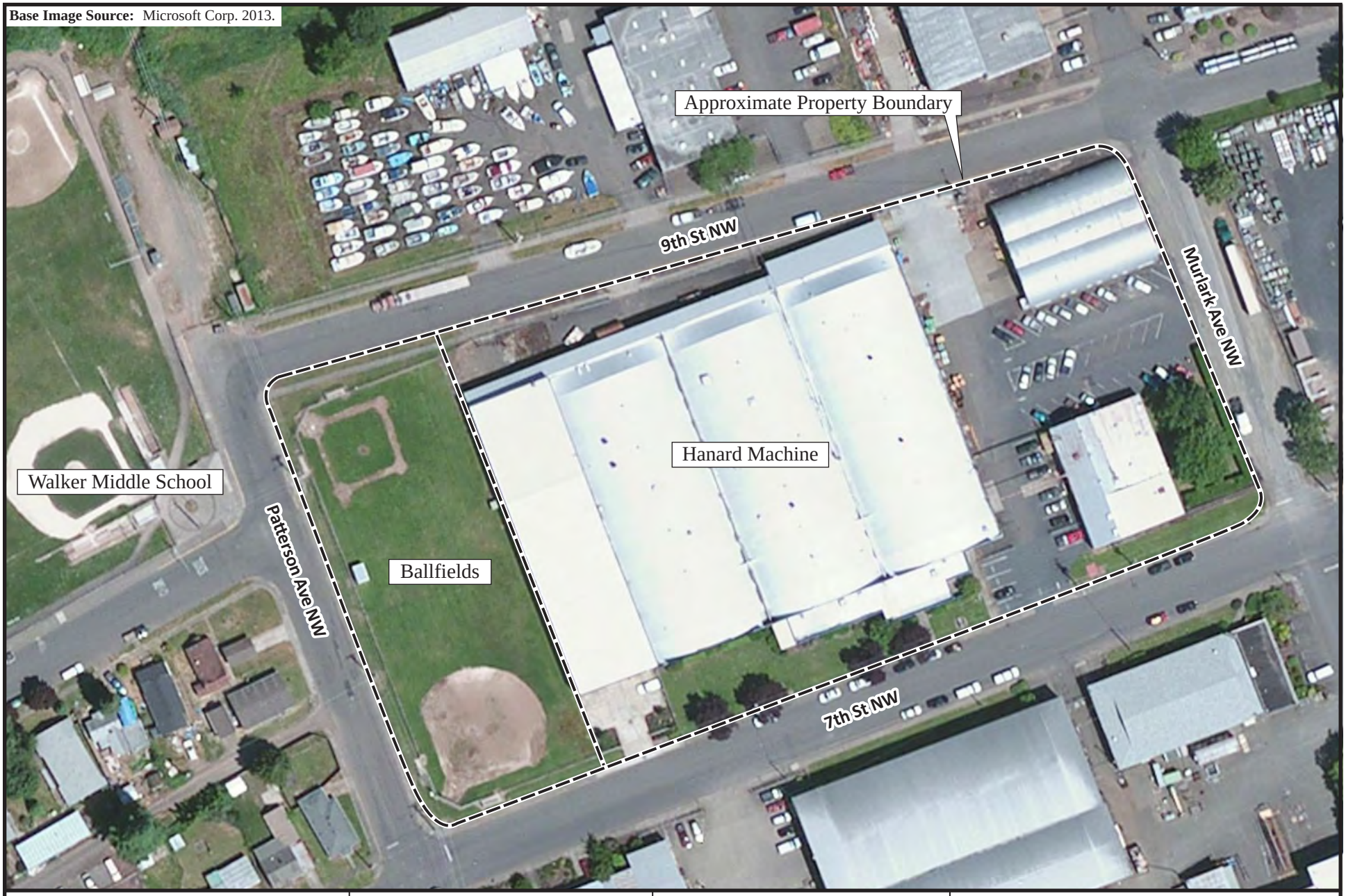
0 100 200 400 Feet

N

West Salem Preliminary Assessments
Gamma Screening Transects
Orchard Heights Park
West Salem, Oregon

Figure 10-5

ecology and environment, inc.
Global Specialists in the Environment



ecology and environment, inc.
Global Environmental Specialists
Seattle, Washington

N

0 50 100
Approximate Scale in Feet

WEST SALEM
PRELIMINARY ASSESSMENTS
Salem, Oregon

Figure 11-1
7TH AND PATTERSON
BALLFIELDS - SITE PLAN

Date:	Drawn by:	
12/20/13	AES	10:START-IV\13040002\fig 11-1

Tables

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Table 2-1 Radon Test Results for Site and Nearby Zip Codes

Zip code	Location	Long Term Test Results					Short Term Test Results				
		Number of Tests	Max. (pCi/L)	Avg. (pCi/L)	%>4 pCi/L	Radon Potential	Number of Tests	Max. (pCi/L)	Avg. (pCi/L)	%>4 pCi/L	Radon Potential
97026	Gervais	4	11.2	6.5	100		4	6.2	3.5	50	
97101	Amity	4	2.2	0.9	0		5	39.7	18.2	80	
97128	McMinnville	23	17.6	3.3	26	Moderate	28	16.3	3	18	Moderate
97301	SE Salem	136	15.8	1.5	6	Moderate	82	47.4	2.5	6	Moderate
97302	S Salem	258	14.4	2.4	23	Moderate	210	24	3.8	32	Moderate
97303	Salem	316	39.8	2.2	2	Moderate	46	39.8	2.2	4	Moderate
97304	W Salem	699	160.2	4	18	Moderate	153	114.3	7.1	33	High
97305	Salem	39	5.7	1.3	8	Low	18	5.7	2.2	6	Moderate
97306	Salem	99	25.2	3.9	18	Moderate	83	22.7	4.2	31	High
97317	Salem	1	0	0	0		13	6	2.6	23	Moderate
97338	Dallas	82	36.1	2.8	16	Moderate	22	36.1	4.3	27	High
97351	Independence	14	2.4	1.1	0	Low	11	2.2	0.5	0	Low
97352	Jefferson	12	21.5	3.2	25	Moderate	2	2.7	1.6	0	
97361	Monmouth	20	19.9	3.5	20	Moderate	14	19.9	0.6	14	Moderate
97371	Rickreall	2	6.8	3.6	50		1	0.7	0.7	0	
97378	Sheridan	1	6.1	6.1	100		2	1	0.7	0	
97392	Turner	11	12.6	3.6	27	Moderate	14	15.6	5.2	43	High

Source: Oregon Health Authority

Notes:

Radon potential is a combination of the maximum test result, the average test result, and the percentage of tests exceeding 4 pCi/L. Radon potential was not provided for zip codes with fewer than 10 test results were not categorized.

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Table 3-1 Sample Analysis Summary

EPA Sample ID	Sample Location ID	CLP Sample ID	Matrix	DATE	Sample Time	Depth	Sampler	Sample Analysis						Description/Location
								TAL Metals	Pest/PCBs	SVOCs	Gamma Spec	Select Radionuclides	TR Metals	
Background Samples														
13234004	BG01SD	NA	Sediment	6/10/2013	17:51	0-4 inches	Bryan Ciecko				X	X		Sediment sampled from edge of waterline. Matrix included silt with sand. Collected approximately 30 feet upriver from slough outfall, between rip rap on bank.
13234000	BG01SS	NA	Soil Surface	6/10/2013	16:24	0-4 inches	Bryan Ciecko				X	X	X	Surface soil sample collected from southwest corner of farm field at Minto-Brown Park.
13234005	BG02SD	NA	Sediment	6/10/2013	18:17	0-6 inches	Bryan Ciecko				X	X		Sample collected from waterline of gravelly beach material with interstitial fines/sand.
13234001	BG02SS	JSXT7	Soil Surface	6/10/2013	16:50	0-3 inches	Bryan Ciecko	X	X	X	X	X		Surface soil sample collected from southwest corner of farm field at Minto-Brown Park.
13234006	BG03SD	JSXT8	Sediment	6/10/2013	18:17	0-6 inches	Bryan Ciecko	X	X	X	X	X		Sandy silt sampled from below waterline. Material had accumulated atop rocks at relatively slow-moving spot on river.
13234002	BG03SS	NA	Soil Surface	6/10/2013	17:10	0-4 inches	Bryan Ciecko				X	X		Surface soil sample collected from southwest corner of farm field at Minto-Brown Park.
13234007	BG04SD	NA	Sediment	6/10/2013	18:58	0-6 inches	Bryan Ciecko				X	X	X	Silty material approximately 2 feet from waterline. Some roots in sample matrix.
13234003	BG04SS	NA	Soil Surface	6/10/2013	17:11	0-6 inches	Bryan Ciecko				X	X		Surface soil sample collected from southwest corner of farm field at Minto-Brown Park.
Walker Middle School														
13234017	WM01SD	JSXY3	Sediment	6/12/2013	18:17	0-6 inches	Derek Pulvino	X	X	X	X	X	X	Sediment from wetland area west of school. Very organic fine sand with silt and some roots.
13234008	WM01SS	JSXX6	Soil Surface	6/12/2013	14:55	0-6 inches	Bryan Ciecko	X	X	X	X	X		Soil from southern ball field in north field complex. Collected near 1st base dugout, close to home plate.
13234009	WM02SS	JSXX7	Soil Surface	6/12/2013	15:20	0-4 inches	Bryan Ciecko	X	X	X				Northwestern ballfield at north field area at Walker Middle School, in front of home base.
13234010	WM03SS	JSXX8	Soil Surface	6/12/2013	15:50	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Collected from northeast ballfield in north field area at Walker Middle School, between home plate and seating on 3rd base side.
13234011	WM04SS	JSXX9	Soil Surface	6/12/2013	17:35	0-4 inches	Derek Pulvino	X	X	X	X	X		Collected from center of infield, slightly left of pitcher mound centerline. Fine dry compacted sand. Collected from beneath of transits with gamma screener.
13234012	WM05SS	JSXY0	Soil Surface	6/12/2013	18:00	0-6 inches	Bryan Ciecko	X	X	X			X	Collected from 2nd base of northern field on west side of school. Matrix is fine sand and silt. Sampled under Viper transect.
13234013	WM06SS	JSXY1	Soil Surface	6/12/2013	18:45	0-6 inches	Bryan Ciecko	X	X	X				Sample collected approximately half way between shot-put pad and building on south. Sampled from beneath grass/bald spot. Sandy/loamy material.
13234014	WM07SS	JSXY2	Soil Surface	6/12/2013	19:14	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Sampled from bald spot in grass off of front/main entrance to school.
West Salem High School														
13234015	WH01SS	JSXZ3	Soil Surface	6/14/2013	13:20	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Medium brown silt with trace sand collected between parking lot and school near east entrance to school
13234016	WH02SS	JSXZ4	Soil Surface	6/14/2013	14:00	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Brown loamy soil (sand with silt). Sampled from area without grass in courtyard on west side of school.
13234030	WH03SS	JSXZ5	Soil Surface	6/14/2013	14:15	0-5 inches	Derek Pulvino	X	X	X				Medium reddish brown silt with sand and trace gravel west of main (west) entrance on slope on east side of parking lot at northwest corner of school property.

Table 3-1 Sample Analysis Summary

EPA Sample ID	Sample Location ID	CLP Sample ID	Matrix	DATE	Sample Time	Depth	Sampler	Sample Analysis						Description/Location
								TAL Metals	Pest/PCBs	SVOCs	Gamma Spec	Select Radionuclides	TR Metals	
Wallace Marine Park														
13234032	WP01SD	JSXW3	Sediment	6/11/2013	12:55	0-2 inches	Derek Pulvino	X	X	X	X	X	X	Sand with some silt and gravel collected approximately 1 foot from water in area with more silt deposits.
13234022	WP01SS	JSXT9	Soil Surface	6/11/2013	11:02	0-3 inches	Derek Pulvino	X	X	X	X	X	X	Loamy brown soil, collected from apparent mole hole were soil was exposed and no overlying grass noted. Molehill was located under one of Viper transects.
13234033	WP02SD	JSXW8	Sediment	6/11/2013	16:25	0-4 inches	Derek Pulvino	X	X	X				Fine sand/silt along shore of Willamette River located between two old bridges. Area has vegetative ground cover growing beneath dead algae mat.
13234023	WP02SS	JSXW4	Soil Surface	6/11/2013	13:35	0-4 inches	Derek Pulvino	X	X	X				Sandy soil collected from bare spot in grass with gravel. Material was hard packed with some wood chips.
13234034	WP03SD	JSXW9	Sediment	6/11/2013	17:45	0-6 inches	Bryan Ciecko	X	X	X				Gravelly river rock/gravel, mostly gravel. Minimal fines in material near surface. Sandier with depth.
13234024	WP03SS	JSXW0	Soil Surface	6/11/2013	14:20	0-6 inches	Bryan Ciecko	X	X	X	X	X		Sampled from beneath grass at right side of field. Sample collected from beneath area where sod was cut to allow access to soil.
13234035	WP04SD	JSXX0	Sediment	6/11/2013	18:25	0-6 inches	Derek Pulvino	X	X	X				Predominantly gravel with coarse sands. Fines accumulated by washing over rock in water. Sample hole dug approximately 3 feet from water line, saturated at depth.
13234025	WP04SS	JSXW5	Soil Surface	6/11/2013	14:40	0-5 inches	Bryan Ciecko	X	X	X				Sample collected from beneath left outfield grass in foul territory of field in baseball diamond complex. Sample collected from beneath cut area in sod.
13234036	WP05SD	JSXX1	Sediment	6/11/2013	18:40	0-6 inches	Derek Pulvino	X	X	X				Gravelly river stone with minimal fines. Sample collected along river at location where trail opens to river. Fines accumulated by washing from gravel in water that infiltrates hole.
13234026	WP05SS	JSXW1	Soil Surface	6/11/2013	15:10	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Sample of soil stockpile that had previously been infield material of baseball diamond area. Sand fine to medium grained material.
13234027	WP06SS	JSXW2	Soil Surface	6/11/2013	16:55	0-6 inches	Derek Pulvino	X	X	X	X	X	X	Sampled from hole in grass where mole hill had pushed up soil in middle of picnic area. Sample included some surface roots.
13234028	WP07SS	JSXW6	Soil Surface	6/11/2013	17:28	0-4 inches	Derek Pulvino	X	X	X				Rounded river gravel at end of old boat ramp. Sampled area forms gravel bar between park and river, collected near crest of sand bar.
13234029	WP08SS	JSXW7	Soil Surface	6/11/2013	18:58	0-6 inches	Bryan Ciecko	X	X	X			X	Exposed soil at center of east soccer goal. No grass in area sampled.

Table 3-1 Sample Analysis Summary

EPA Sample ID	Sample Location ID	CLP Sample ID	Matrix	DATE	Sample Time	Depth	Sampler	Sample Analysis: TAL Metals	Pest/PCBs	SVOCs	Gamma Spec	Select Radionuclides	TR Metals	Description/Location
Orchard Heights Park														
13234042	OH01SD	JSXZ2	Sediment	6/13/2013	17:00	0-3 inches	Derek Pulvino	X	X	X	X	X	X	Medium brown sand with silt, trace coarse sand. Collected from northwest side of creek near OH05SS.
13234037	OH01SS	JSXY5	Soil Surface	6/13/2013	13:35	0-6 inches	Bryan Ciecko	X	X	X	X	X		Moderately graded silty sand with fine gravel, medium reddish brown. Sampled from 1st base side of home plate on eastern ballfield at Orchard Heights Park
13234043	OH02SD	JSXZ0	Sediment	6/13/2013	17:30	0-3 inches	Derek Pulvino	X	X	X			X	Dark brown gravelly sand collected from downstream side of concrete bridge/walk at southwest corner of park.
13234038	OH02SS	JSXY6	Soil Surface	6/13/2013	14:10	0-6 inches	Bryan Ciecko	X	X	X			X	Brown to dark brown loamy silt with sand. Collected from center of southern field complex.
13234044	OH03SD	JSXZ1	Sediment	6/13/2013	17:45	0-6 inches	Derek Pulvino	X	X	X				Medium brown gravelly sand with silt. Collected where creek enters park, at southern boundary beneath bridge for Orchard Heights Road.
13234039	OH03SS	JSXY7	Soil Surface	6/13/2013	14:45	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Approximately 1.5" of bark chips on surface, underlain by 2" dark brown silt with sand underlain by 4 " of silty sandy gravel. Collected from picnic area, west of tennis court.
13234040	OH04SS	JSXY8	Soil Surface	6/13/2013	15:50	0-6 inches	Bryan Ciecko	X	X	X				Medium to dark brown silty loam with gravel and wood chips. Collected from northern dog run area.
13234041	OH05SS	JSXY9	Soil Surface	6/13/2013	16:20	0-4 inches	Bryan Ciecko	X	X	X			X	Brown sandy silt with wood chips and trace gravel. Collected just north of bridge on northwest side of creek on top of bank.
7th and Patterson Ballfields														
13234018	SP01SS	JSXX2	Soil Surface	6/12/2013	9:50	0-6 inches	Bryan Ciecko	X	X	X			X	Sample collected of soil from west ballfield behind home plate. Sample split with property owner's representative (Hahn & Assoc.).
13234019	SP02SS	JSXX3	Soil Surface	6/12/2013	10:25	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Soil collected from 2nd base area of northern field. Sample split with property owner's representative (Hahn & Assoc.).
13234020	SP03SS	JSXX4	Soil Surface	6/12/2013	11:00	0-6 inches	Bryan Ciecko	X	X	X			X	Soil collected from 2nd base area of south field at property. Sample split with property owner's representative (Hahn & Assoc.).
13234021	SP04SS	JSXX5	Soil Surface	6/12/2013	11:30	0-6 inches	Bryan Ciecko	X	X	X	X	X	X	Soil collected from home plate area of south ballfield . Sample split with property owner's representative (Hahn & Assoc.). As sample jar that metals sample was collected in was broken during processing, sample material was placed in a new jar for shipment to lab.
QC Samples														
13234045	RI01WT	JSXY4	Water	6/13/2013	13:00		Derek Pulvino	X	X	X	X	X		Rinsate sample collected from decontaminated rock hammer used to break apart denser soils for sampling.

Key

CLP = Contract Laboratory Program.
EPA = Environmental Protection Agency.
ID = Identification.
NA = Not applicable.
PCBs = Polychlorinated Biphenyls.
Pest = Pesticides
QC = Quality Control
TAL = Target Analyte List.
TCL = Target Compound List
TR = Total Recoverable Rare/Exotic Metals
Spec = Spectrometry
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds.

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Table 3-2 Sample Coding

Digits	Description	Code	Example
1,2	Sampling Area	BG	Background Sample
		WM	Walker Middle School
		SP	7th and Patterson
		WP	Wallace Marine Park
		OH	Orchard Heights Park
		RS	Rinsate
		WH	West Salem High School
3,4	Consecutive Sample Number	01	First sample from sampling area
5,6	Matrix Code	SD	Sediment
		SS	Surface Soil
		QC	Quality Control

Table 5-1: CRQL and RBC Levels for Organic and Inorganic Constituents

Analyte Name	CAS Number	Units	CRQL	ODEQ RBC	EPA RSL
TAL Metals (µg/kg)					
Aluminum	7429-90-5	µg/kg	20000		77000000
Antimony (metallic)	7440-36-0	µg/kg	1000		31000
Arsenic, Inorganic	7440-38-2	µg/kg	500	390	390
Barium	7440-39-3	µg/kg	5000	15000000	15000000
Beryllium and compounds	7440-41-7	µg/kg	500	160000	160000
Cadmium (Diet)	7440-43-9	µg/kg	500	39000	70000
Chromium, Total	7440-47-3	µg/kg	1000	120000000	120000000
Cobalt	7440-48-4	µg/kg	500		23000
Copper	7440-50-8	µg/kg	1000	3100000	3100000
Iron	7439-89-6	µg/kg	10000		55000000
Lead and Compounds	7439-92-1	µg/kg	500	1800000	400000
Lead and Compounds	7439-92-1	µg/kg	500	400000	400000
Mercury, Inorganic Salts	7487-94-7	µg/kg	500		23000
Nickel Soluble Salts	7440-02-0	µg/kg	500		1500000
Selenium	7782-49-2	µg/kg	2500		390000
Silver	7440-22-4	µg/kg	500	390000	390000
Thallium (Soluble Salts)	7440-28-0	µg/kg	500		780
Vanadium, Metallic	7440-62-2	µg/kg	250		390000
Zinc (Metallic)	7440-66-6	µg/kg	1000		23000000
PCBs (µg/kg)					
Aroclor 1016	12674-11-2	µg/kg	33		3900
Aroclor 1221	11104-28-2	µg/kg	33		140
Aroclor 1232	11141-16-5	µg/kg	33		140
Aroclor 1242	53469-21-9	µg/kg	33		220
Aroclor 1248	12672-29-6	µg/kg	33		220
Aroclor 1254	11097-69-1	µg/kg	33		220
Aroclor 1260	11096-82-5	µg/kg	33		220
Pesticides (µg/kg)					
Aldrin	309-00-2	µg/kg	2	25	29
Chlordane	12789-03-6	µg/kg	2		1600
DDD	72-54-8	µg/kg	3	2400	2000
DDE, p,p'-	72-55-9	µg/kg	3	1700	1400
DDT	50-29-3	µg/kg	3	1700	1700
Dieldrin	60-57-1	µg/kg	3	29	30
Endosulfan	115-29-7	µg/kg	2	370000	370000
Endrin	72-20-8	µg/kg	3	18000	18000
Heptachlor	76-44-8	µg/kg	2	100	110
Heptachlor Epoxide	1024-57-3	µg/kg	2	53	53
Hexachlorocyclohexane, Alpha-	319-84-6	µg/kg	2	70	77
Hexachlorocyclohexane, Beta-	319-85-7	µg/kg	2		270
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	µg/kg	2	380	520
Toxaphene	8001-35-2	µg/kg	170	440	440
SVOCs (µg/kg)					
Acenaphthene	83-32-9	µg/kg	170 (3.3[A])	4700000	3400000
Acetophenone	98-86-2	µg/kg	170		7800000
Anthracene	120-12-7	µg/kg	170 (3.3[A])	23000000	17000000
Atrazine	1912-24-9	µg/kg	170		2100
Benz[a]anthracene	56-55-3	µg/kg	170 (3.3[A])	150	150
Benzaldehyde	100-52-7	µg/kg	170		7800000
Benzo[a]pyrene	50-32-8	µg/kg	170 (3.3[A])	15	15
Benzo[b]fluoranthene	205-99-2	µg/kg	170 (3.3[A])	150	150
Benzo[k]fluoranthene	207-08-9	µg/kg	170 (3.3[A])	1500	1500
Bis(2-chloroethoxy)methane	111-91-1	µg/kg	170		180000
Bis(2-chloroethyl)ether	111-44-4	µg/kg	170		210

Table 5-1: CRQL and RBC Levels for Organic and Inorganic Constituents

Analyte Name	CAS Number	Units	CRQL	ODEQ RBC	EPA RSL
Bis(2-ethylhexyl)phthalate	117-81-7	µg/kg	170	35000	35000
Butyl Benzyl Phthalate	85-68-7	µg/kg	170		260000
Caprolactam	105-60-2	µg/kg	170		31000000
Chloroaniline, p-	106-47-8	µg/kg	170		2400
Chloronaphthalene, Beta-	91-58-7	µg/kg	170		6300000
Chlorophenol, 2-	95-57-8	µg/kg	170		390000
Chrysene	218-01-9	µg/kg	170 (3.3[A])	14000	15000
Cresol, p-	106-44-5	µg/kg	170		6100000
Cresol, p-chloro-m-	59-50-7	µg/kg	170		6100000
Dibenz[a,h]anthracene	53-70-3	µg/kg	170 (3.3[A])	15	15
Dibutyl Phthalate	84-74-2	µg/kg	170		6100000
Dichlorobenzidine, 3,3'-	91-94-1	µg/kg	170		1100
Dichlorophenol, 2,4-	120-83-2	µg/kg	170		180000
Diethyl Phthalate	84-66-2	µg/kg	170		49000000
Dimethylphenol, 2,4-	105-67-9	µg/kg	170		1200000
Dinitrophenol, 2,4-	51-28-5	µg/kg	330		120000
Dinitrotoluene, 2,4-	121-14-2	µg/kg	170		1600
Dinitrotoluene, 2,6-	606-20-2	µg/kg	170	61000	61000
Dioxane, 1,4-	123-91-1	µg/kg	100		4900
Fluoranthene	206-44-0	µg/kg	170 (3.3[A])	2300000	2300000
Fluorene	86-73-7	µg/kg	170 (3.3[A])	3100000	2300000
Hexachlorobenzene	118-74-1	µg/kg	170	260	300
Hexachlorocyclopentadiene	77-47-4	µg/kg	170		370000
Hexachloroethane	67-72-1	µg/kg	170	19000	12000
Indeno[1,2,3-cd]pyrene	193-39-5	µg/kg	170 (3.3[A])	150	150
Isophorone	78-59-1	µg/kg	170		510000
Methylnaphthalene, 2-	91-57-6	µg/kg	170 (3.3[A])		230000
Naphthalene	91-20-3	µg/kg	170 (3.3[A])	4600	3600
Nitroaniline, 2-	88-74-4	µg/kg	330		610000
Nitroaniline, 4-	100-01-6	µg/kg	330		24000
Nitrobenzene	98-95-3	µg/kg	330		4800
Nitroso-di-N-propylamine, N-	621-64-7	µg/kg	170		69
Nitrosodiphenylamine, N-	86-30-6	µg/kg	170		99000
Pentachlorobenzene	608-93-5	µg/kg	170		49000
Pentachlorophenol	87-86-5	µg/kg	330	890	890
Phenol	108-95-2	µg/kg	170		18000000
Pyrene	129-00-0	µg/kg	170 (3.3[A])	1700000	1700000
Trichlorophenol, 2,4,5-	95-95-4	µg/kg	170		6100000
Trichlorophenol, 2,4,6-	88-06-2	µg/kg	170	44000	44000

Note: [A] The number in parenthesis is the the CRQL for SIM analysis

Key:

µg/kg = micrograms per kilogram
CAS = Chemical Abstract Service
CRQL = Contract Required Quantitation Limit
EPA = Environmental Protection Agency
PCBs = Polychlorinated Biphenyls
RBC = Risk-based Cleanup Level for residential direct contact/ingestion scenario (State of Oregon)
RSL = Regional Screening Level
SIM = Select Ion Monitoring
SVOCs = Semivolatile Organic Compounds
TAL = Target Analyte List

Table 6-1 Summary of Gamma Survey Data Results (kC/M)

Property Location	Property Sublocation	Range of Results	Mean Result	Median Result	Standard Deviation
Background Location (Minto-Brown Island Park)	Farm Field	1.33 - 1.65	1.46	1.46	0.073
Walker Middle School	East Athletic Fields	1.2 - 1.98	1.51	1.5	0.113
	West Athletic Fields	1.18 - 1.76	1.47	1.47	0.112
	Central Grass Field	1.21 - 1.83	1.47	1.45	0.11
West Salem High	East Athletic Fields	1.24 - 1.85	1.51	1.51	0.096
	South Athletic Field	1.11 - 1.93	1.48	1.48	0.102
	Parking Area	0.98 - 1.73	1.39	1.4	0.159
	Grass Area	1.3 - 1.83	1.57	1.59	0.107
Wallace Marine Park	South Grass Field	1.33 - 1.71	1.51	1.51	0.065
	North Grass Field	1.06 - 1.31	1.18	1.18	0.037
	Ballfields 1 and 2	1.18 - 1.54	1.34	1.33	0.078
Orchard Heights Park	Athletic Field	1.51 - 2.64	2.01	2.0	0.186
	Play Area	1.59 - 2.43	1.95	1.93	0.137
Seventh and Patterson Ballfield	Baseball Fields	1.17 - 1.67	1.42	1.43	0.093

Key:

kC/M = Kilocounts per minute

Table 6-2 Soil Samples - Analytical Results Summary (Inorganic and Organic Constituents)

EPA Sample ID Sample Location Description CLP Sample ID Depth (inches bgs)	Cleanup Levels[a]	13234001 BG02SS JSXT7 0-3	13234008 WM01SS JSXX6 0-6	13234009 WM02SS JSXX7 0-4	13234010 WM03SS JSXX8 0-6	13234011 WM04SS JSXX9 0-4	13234012 WM05SS JSXY0 0-6	13234013 WM06SS JSXY1 0-6	13234014 WM07SS JSXY2 0-6	13234015 WH01SS JSXZ3 0-6	13234016 WH02SS JSXZ4 0-6	13234030 WH03SS JSXZ5 0-6	13234022 WP01SS JSXT9 0-4	13234023 WP02SS JSXW4 0-6	13234024 WP03SS JSXW0 0-5	13234025 WP04SS JSXW5 0-6
Location		Background	Walker Middle School							West Salem High School			Wallace Marine Park			
Metals (mg/kg)																
Aluminum	77000[b]	**15200 JL**	**13000 JL**	**12800 JL**	**15700 JL**	**12600 JL**	**14400 JL**	**15600 JL**	**15300 JL**	**24200 JL**	**23100 JL**	**24600 JL**	**14500 JL**	**12100 JL**	**14200 JL**	**13400 JL**
Arsenic	18[c]	2.9 U	**2.8**	2.6 U	**3.2**	2.6 U	2.8 U	2.8 U	2.7 U	2.9 U	2.8 U	2.8 U	3.2 U	2.8 U	7 U	3.1 U
Barium	15000 (730[c])	**130**	**117 JL**	**105 JL**	**122 JL**	**113 JL**	**137 JL**	**140 JL**	**123 JL**	**210 JL**	**193 JL**	**120 JL**	**136**	**125**	**129**	**113**
Calcium	NA	**5530 JL**	**11900 JL**	**13000 JL**	**24500 JL**	**10700 JL**	**9430 JL**	**5590 JL**	**4950 JL**	**1420 JL**	**2010 JL**	**730 JL**	**4970 JL**	**6270 JL**	**6380 JL**	**5920 JL**
Chromium	120000	**15.9**	**9.3 JL**	**9.3 JL**	**9.5 JL**	**7.8 JL**	**10.4 JL**	**9.8 JL**	**8.9 JL**	**9.7 JL**	**8.8 JL**	5.7 UJL	**14.4**	**11.7**	**15.6**	**12.9**
Cobalt	23[b]	**12.2 JL**	**7.3 JL**	**7.3 JL**	**6.8 JL**	**7.3 JL**	**8.1 JL**	**7.3 JL**	**8.1 JL**	**21.8 JL**	**19.8 JL**	**18.5 JL**	**11.2 JL**	**9.7 JL**	**9.6 JL**	**9.5 JL**
Copper	3100	**21.8**	**12.2**	**12.7**	**10.5**	**12**	**14.7**	**16.2**	**15.1**	**13.6**	**16.2**	**7.2**	**22.1**	**20.3**	**27.5**	**26.5**
Iron	55000[b]	**26900 JL**	**22600 JL**	**24500 JL**	**21200 JL**	**23200 JL**	**23300 JL**	**23000 JL**	**26300 JL**	**83400 JL**	**89300 JL**	**115000 JL**	**26000 JL**	**24300 JL**	**25500 JL**	**24600 JL**
Lead	400	**6**	**5.1 JL**	**4.9 JL**	**6.8 JL**	**3.8 JL**	**5.4 JL**	**14.7 JL**	**27.8 JL**	**23.8 JL**	**24.8 JL**	**12.4 JL**	**21.7**	**37.7**	**7.4**	**5.4**
Magnesium	NA	**4820 JL**	**5270 JL**	**4790 JL**	**9090 JL**	**5170 JL**	**4930 JL**	**3820 JL**	**4560 JL**	**1250 JL**	**1130 JL**	**495 JL**	**4430 JL**	**3990 JL**	**3940 JL**	**4220 JL**
Manganese	2900[c]	**508 JL**	**269 JL**	**253 JL**	**272 JL**	**268 JL**	**326 JL**	**310 JL**	**345 JL**	**1160 JL**	**1120 JL**	**726 JL**	**409 JL**	**384 JL**	**362 JL**	**354 JL**
Molybdenum	NA	1.2 U	1.1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	**1.7**	**1.9**	**2.1**	1.3 U	1 U	1.4 U	1.3 U
Nickel	1500[b]	**20.3 JL**	**12.5 JL**	**12.8 JL**	**12.8 JL**	**13 JL**	**13.9 JL**	**12.1 JL**	**13.1 JL**	**5 JL**	**5.1 JL**	**2.9 JL**	**18.9 JL**	**16 JL**	**18.6 JL**	**16.7 JL**
Potassium	NA	**724**	**1080**	**776**	**2360**	**887**	**1350**	**1110**	**978**	**942**	**1260**	295 JQ	**1120**	**935**	**1420**	**1320**
Sodium	NA	**669**	376 JQ	349 JQ	**545**	420 JQ	504 JQ	421 JQ	338 JQ	76.5 JQ	70.2 JQ	55.5 JQ	607 JQ	475 JQ	644 JQ	523 JQ
Vanadium	390[b]	**51.6 JL**	**29.1 JL**	**29.3 JL**	**25.2 JL**	**26.2 JL**	**32.7 JL**	**31 JL**	**29 JL**	**69.7 JL**	**67.6 JL**	**68.1 JL**	**51.7 JL**	**47.5 JL**	**51.6 JL**	**43.5 JL**
Zinc	23000[b]	**45.5 JL**	**81.2 JL**	**30.2 JL**	**36 JL**	**31.2 JL**	**38.3 JL**	**40.1 JL**	**41.8 JL**	**35.4 JL**	**55.9 JL**	**27.8 JL**	**62.7 JL**	**67.2 JL**	**76.3 JL**	**59.8 JL**
Pesticides (µg/kg)																
4,4'-DDE	1700 (1400[b])	3.7 U	3.6 U	3.5 U	0.21 JQ	0.79 JQ	3.7 U	**6**	0.63 JQ	**230**	**140**	1.3 JQ	0.58 JQ	3.6 U	**6.4**	**21**
4,4'-DDT	1700	**4.4**	**4.4**	1.1 JQ	1.1 JQ	**4**	0.51 JQ	**18**	2.4 JQ	**4.1**	**4.3**	0.29 JQ	1.8 JQ	2.3 JQ	0.68 JQ	**16**
Dieldrin	29	0.2 JQ (3.7 SQL)	0.46 JQ	0.3 JQ	0.31 JQ	1.3 JQ	0.078 JQ	**4.8 JK**	3.6 JQ	4 U	4 U	3.9 U	4.2 U	3.6 U	4.6 U	4.1 U
Endosulfan Sulfate	370000[d]	3.7 U	3.6 U	3.5 U	3.7 U	3.4 U	3.7 U	0.28 JQ	**230**	0.26 JQ	4 U	3.9 U	4.2 U	**370**	4.6 U	4.1 U
Semivolatile Organic Compounds (µg/kg)																
Benzo(a)anthracene	150	3.7 U	3.6 U	3.4 U	3.8 U	3.5 U	3.8 U	2.4 JQ	**8**	1.4 JQ	1.1 JQ	3.9 U	**5.6**	**9.7**	3.5 JQ	1.5 JQ
Benzo(a)pyrene	15	3.7 U	3.6 U	3.4 U	3.8 U	3.5 U	3.8 U	3.5 U	**7**	1.3 JQ	1.2 JQ	3.9 U	**5.1**	**11**	3.6 JQ	1.4 JQ
Benzo(b)fluoranthene	150	3.7 U	3.6 U	1.3 JQ	3.8 U	3.5 U	3.8 U	3.1 JQ	**5.4**	2.2 JQ	3 JQ	3.9 U	**6.2**	**13**	3.7 JQ	2 JQ
Benzo(g,h,i)perylene	NA	3.7 U	3.6 U	0.82 JQ	3.8 U	3.5 U	3.8 U	**4.1**	**6.1**	2.5 JQ	1.1 JQ	3.9 UJK	**6.8**	**11**	3.7 JQ	1.3 JQ
Chrysene	14000	1.1 JQ (3.7 SQL)	3.6 U	1 JQ	3.8 U	3.5 U	3.8 U	3.3 JQ	**8.3**	2.2 JQ	3.5 JQ	3.9 U	**8.6**	**14**	**4.7**	2.1 JQ
Fluoranthene	2300000	3.7 U	3.6 U	3.4 U	3.8 U	3.5 U	3.8 U	**3.6**	**10**	3.2 JQ	3.1 JQ	3.9 U	**8.4**	**15**	**5.5**	2.6 JQ
Fluorene	3100000 (230000[b])	3.7 U	3.6 U	3.4 U	3.8 U	3.5 U	3.8 U	3.5 U	3.6 U	3.9 U	3.8 U	3.9 U	4.2 U	**5.2**	4.6 U	4.2 U
Indeno(1,2,3-cd)pyrene	150	3.7 U	3.6 U	3.4 U	3.8 U	3.5 U	3.8 U	2 JQ	3.5 JQ	3.9 U	3.8 U	3.9 U	3.6 JQ	**6.9**	2.7 JQ	4.2 U
Phenanthrene	NA	3.7 U	3.6 U	3.4 U	3.8 U	3.5 U	3.8 U	1.5 JQ	**6**	1.5 JQ	1.6 JQ	3.9 U	3.1 JQ	**6.7**	1.6 JQ	0.96 JQ
Pyrene	1700000	1.2 JQ (3.7 SQL)	3.6 U	1.3 JQ	3.8 U	3.5 U	3.8 U	**5.3**	**13**	2.6 JQ	2.2 JQ	3.9 U	**12**	**21**	**10**	2.8 JQ

Table 6-2 Soil Samples - Analytical Results Summary (Inc

EPA Sample ID Sample Location Description CLP Sample ID Depth (inches bgs) Location	Cleanup Levels[a]	13234001 BG02SS JSXT7 0-3 Background	13234026 WP05SS JSXW1 0-6 Wallace Marine Park	13234027 WP06SS JSXW2 0-4 Wallace Marine Park	13234028 WP07SS JSXW6 0-6 Wallace Marine Park	13234029 WP08SS JSXW7 0-5 Wallace Marine Park	13234037 OH01SS JSXY5 0-6 Orchard Heights Park	13234038 OH02SS JSXY6 0-6 Orchard Heights Park	13234039 OH03SS JSXY7 0-6 Orchard Heights Park	13234040 OH04SS JSXY8 0-6 Orchard Heights Park	13234041 OH05SS JSXY9 0-4 Orchard Heights Park	13234018 SP01SS JSXX2 0-6 7th and Patterson Ballfields	13234019 SP02SS JSXX3 0-6 7th and Patterson Ballfields	13234020 SP03SS JSXX4 0-6 7th and Patterson Ballfields	13234021 SP04SS JSXX5 0-3 7th and Patterson Ballfields
Metals (mg/kg)															
Aluminum	77000[b]	**15200 JL**	**11000 JL**	**14700 JL**	**7160 JL**	**14300 JL**	**13600 JL**	**13400 JL**	**12000 JL**	**14700 JL**	**12800 JL**	**15000 JL**	**13500 JL**	**13800 JL**	**14200 JL**
Arsenic	18[c]	2.9 U	5.2 U	3 U	5.1 U	2.8 U	2.8 U	**4.2**	2.8 U	3.1 U	3 U	2.9 U	2.8 U	**3**	2.7 U
Barium	15000 (730[c])	**130**	**148**	**131**	**61.8**	**107**	**109 JL**	**215 JL**	**119 JL**	**206 JL**	**206 JL**	**105 JL**	**114 JL**	**122 JL**	**120 JL**
Calcium	NA	**5530 JL**	**28500 JL**	**5380 JL**	**3910 JL**	**4960 JL**	**11600 JL**	**2260 JL**	**3750 JL**	**2670 JL**	**2500 JL**	**19900 JL**	**6010 JL**	**9200 JL**	**24400 JL**
Chromium	120000	**15.9**	**15.7**	**15.3**	**11.3**	**11.8**	**8.3 JL**	**13 JL**	**8.3 JL**	**10.5 JL**	**10.1 JL**	**7.9 JL**	**9.7 JL**	**8.4 JL**	**8.7 JL**
Cobalt	23[b]	**12.2 JL**	**7.8 JL**	**11 JL**	**8.1 JL**	**9.1 JL**	**7.2 JL**	**17.4 JL**	**9.2 JL**	**12.5 JL**	**12 JL**	**7.2 JL**	**7.2 JL**	**8.5 JL**	**8 JL**
Copper	3100	**21.8**	**17.8**	**21.8**	**19.9**	**17.2**	**13.1**	**12**	**12.5**	**11.6**	**9.5**	**11.9**	**14.2**	**11.6**	**11.7**
Iron	55000[b]	**26900 JL**	**18900 JL**	**26200 JL**	**25700 JL**	**25000 JL**	**26300 JL**	**28100 JL**	**32700 JL**	**35000 JL**	**36100 JL**	**21900 JL**	**24100 JL**	**24500 JL**	**23300 JL**
Lead	400	**6**	**4.5**	**30.7**	**12.1**	**3.9**	**4 JL**	**17.5 JL**	**21.9 JL**	**18 JL**	**15.4 JL**	**4.1 JL**	**5.9 JL**	**5.1 JL**	**131 JL**
Magnesium	NA	**4820 JL**	**5700 JL**	**5120 JL**	**2930 JL**	**4570 JL**	**4850 JL**	**2600 JL**	**1810 JL**	**2740 JL**	**1600 JL**	**6170 JL**	**4190 JL**	**5110 JL**	**8710 JL**
Manganese	2900[c]	**508 JL**	**289 JL**	**405 JL**	**279 JL**	**354 JL**	**280 JL**	**916 JL**	**384 JL**	**850 JL**	**602 JL**	**277 JL**	**267 JL**	**351 JL**	**309 JL**
Molybdenum	NA	1.2 U	1 U	1.2 U	1 U	1.1 U	1.1 U	1.4 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Nickel	1500[b]	**20.3 JL**	**15.8 JL**	**19.4 JL**	**17.2 JL**	**16.5 JL**	**11.7 JL**	**8 JL**	**7.8 JL**	**7.9 JL**	**6.8 JL**	**13.3 JL**	**12.7 JL**	**14.8 JL**	**14 JL**
Potassium	NA	**724**	**1100**	**694**	**525**	**964**	**684**	**1250**	**937**	**1640**	**789**	**1620**	**973**	**1330**	**1550**
Sodium	NA	**669**	**570**	553 JQ	363 JQ	538 JQ	468 JQ	112 JQ	172 JQ	106 JQ	73.5 JQ	489 JQ	439 JQ	477 JQ	448 JQ
Vanadium	390[b]	**51.6 JL**	**35.4 JL**	**45.3 JL**	**33.7 JL**	**42.7 JL**	**30.1 JL**	**66.8 JL**	**48.4 JL**	**57.9 JL**	**69 JL**	**28.5 JL**	**29.5 JL**	**31.4 JL**	**27.9 JL**
Zinc	23000[b]	**45.5 JL**	**47.8 JL**	**52 JL**	**48.4 JL**	**43.9 JL**	**30.1 JL**	**49.7 JL**	**36.8 JL**	**52.2 JL**	**40.8 JL**	**31.4 JL**	**35.1 JL**	**31.6 JL**	**35.2 JL**
Pesticides (µg/kg)															
4,4'-DDE	1700 (1400[b])	3.7 U	**6.1**	0.31 JQ	3.3 U	0.28 JQ	0.38 JQ	0.93 JQ	0.59 JQ	**4.9**	2.3 JQ	0.12 JQ	0.41 JQ	0.72 JQ	0.66 JQ
4,4'-DDT	1700	**4.4**	**21**	1.5 JQ	3.3 U	0.63 JQ	1.7 JQ	0.61 JQ	0.27 JQ	2.8 JQ	0.87 JQ	0.67 JQ	1.7 JQ	1.7 JQ	2.4 JQ
Dieldrin	29	0.2 JQ (3.7 SQL)	3.6 U	4 U	3.3 U	1.3 JQ	0.44 JQ	4.6 U	3.9 U	4.4 U	4 U	0.14 JQ	3.5 U	0.28 JQ	0.48 JQ
Endosulfan Sulfate	370000[d]	3.7 U	3.6 U	**6.8**	3.3 U	3.8 U	3.9 U	0.32 JQ	**22**	4.4 U	**110**	3.7 U	3.5 U	3.6 U	3.7 U
Semivolatile Organic Compounds (µg/kg)															
Benzo(a)anthracene	150	3.7 U	3.6 U	**6.2**	**9.7**	1.9 JQ	3.8 U	1.5 JQ	3.9 U	1.3 JQ	3.6 JQ	3.8 U	3.7 U	3.6 U	3.7 U
Benzo(a)pyrene	15	3.7 U	3.6 U	**4.7**	**11**	1.3 JQ	3.8 U	4.7 U	3.9 U	4.4 U	2.6 JQ	3.8 U	3.7 U	3.6 U	3.7 U
Benzo(b)fluoranthene	150	3.7 U	1.3 JQ	**5.9**	**9.3**	1.4 JQ	3.8 U	1.9 JQ	3.9 U	1.7 JQ	3.6 JQ	3.8 U	3.7 U	3.6 U	3.7 U
Benzo(g,h,i)perylene	NA	3.7 U	1.1 JQ	**4.2**	**8.1**	0.8 JQ	3.8 UJK	0.99 JQ	3.9 UJK	1 JQ	1.6 JQ	3.8 U	1.4 JQ	3.6 U	3.7 U
Chrysene	14000	1.1 JQ (3.7 SQL)	1.5 JQ	**7.2**	**13**	1.9 JQ	1.2 JQ	1.8 JQ	3.9 U	2.1 JQ	3.7 JQ	3.8 U	3.7 U	3.6 U	1.4 JQ
Fluoranthene	2300000	3.7 U	1.6 JQ	**8.7**	**24**	2.1 JQ	3.8 U	2.8 JQ	3.9 U	2.6 JQ	**6.3**	3.8 U	3.7 U	3.6 U	2.2 JQ
Fluorene	3100000 (230000[b])	3.7 U	3.6 U	4.1 U	3.4 U	3.8 U	3.8 U	4.7 U	3.9 U	4.4 U	4 U	3.8 U	3.7 U	3.6 U	3.7 U
Indeno(1,2,3-cd)pyrene	150	3.7 U	3.6 U	3.2 JQ	**6.5**	3.8 U	3.8 U	4.7 U	3.9 U	4.4 U	1.6 JQ	3.8 U	3.7 U	3.6 U	3.7 U
Phenanthrene	NA	3.7 U	3.6 U	**5.1**	**15**	3.8 U	3.8 U	4.7 U	3.9 U	4.4 U	2.8 JQ	3.8 U	3.7 U	3.6 U	1.3 JQ
Pyrene	1700000	1.2 JQ (3.7 SQL)	2.1 JQ	**12**	**39**	2.2 JQ	3.8 U	2.7 JQ	3.9 U	2.4 JQ	**7.2**	3.8 U	3.7 U	3.6 U	2.3 JQ

Notes:

Bold type indicates the sample result is above the CRQL.

Underlining indicates the sample result is elevated as defined in Section 5

a = All cleanup levels are ODEQ RBCs for direct contact, ingestion in a residential scenario unless otherwise specified

b = EPA RSL for the residential direct contact scenario

c = ODEQ established default background level for naturally occurring minerals

d = Value is for Endosulfan alpha and beta. No cleanup level has been established for Endosulfan sulfate

Key:

µg/kg = micrograms per kilogram.

bgs = Below ground surface.

CLP = Contract Laboratory Program.

CRQL = Contract Required Quantitation Limit.

EPA = United States Environmental Protection Agency.

ID = Identification.

J = The analyte was positively identified. The associated numerical value is an estimate.

L = Reported result is has a low bias

K = The direction of bias is not known.

mg/kg = milligrams per kilogram.

NA = No cleanup level or background level has been established for the given analyte

ODEQ = Oregon Department of Environmental Quality

Q = The analyte was positively identified. The associated numerical value is above the instrument detection limit but be

RBC = Risk Based Concentration

RSL = Regional Screening Level

SIM = Select ion monitoring.

SQL = Sample Quantitation Limit

U = The analyte was not detected at or above the associated value.

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Table 6-3 Soil Samples - Analytical Results Summary (Radionuclides)

Sample Location Description	Background				Background Statistical Summary		Walker Middle School				W Salem High School		Wallace Marine Park			
EPA Sample ID	BG01SS 13234000	BG02SS 13234001	BG03SS 13234002	BG04SS 13234003	Mean Background[a]	Background σ[a]	WM01SS 13234008	WM03SS 13234010	WM04SS 13234011	WM07SS 13234014	WH01SS 13234015	WH02SS 13234016	WP01SS 13234022	WP03SS 13234024	WP05SS 13234026	WP06SS 13234027
Gamma Spectrometry (pCi/G)																
Bi212	0.582 JK	0.505 JK	0.5 JK	0.598 JK	0.55	0.04	0.674 JK	0.969 JK	0.581 JK	0.602 JK	1.21 JK	1.22 JK	0.58 JK	0.452 JK	0.64 JK	0.46 JK
Bi214	0.408 JK	0.411 JK	0.391 JK	0.434 JK	0.41	0.02	0.543 JK	0.674 JK	0.482 JK	0.515 JK	0.87 JK	0.873 JK	0.392 JK	0.384 JK	0.429 JK	0.405 JK
Cs137	0.0554	0.0392	0.0381	0.0743	0.05	0.01	0.0151 U	0.0169 U	0.0132	0.128	0.0716	0.0585	0.0786	0.0192	0.0197	0.0473
K40	10.5	10.1	10.1	10.4	10.28	0.18	11.1	13.4	11.5	10.9	6.65	6.97	11.3	10.1	10.8	9.67
Pa234m	NR	1.7 JK	1.65 JK	1.25 JK	1.53	0.20	NR	NR	NR	NR	1.74 U	1.58 JK	NR	NR	1.3 JK	1.57 U
Pb212	0.404 JK	0.406 JK	0.405 JK	0.429 JK	0.41	0.01	0.552 JK	0.763 JK	0.5 JK	0.516 JK	0.962 JK	0.931 JK	0.439 JK	0.368 JK	0.424 JK	0.372 JK
Pb214	0.49 JK	0.511 JK	0.489 JK	0.523 JK	0.50	0.01	0.607 JK	0.767 JK	0.553 JK	0.565 JK	0.996 JK	1.02 JK	0.514 JK	0.463 JK	0.513 JK	0.469 JK
Ra228	0.458	0.513	0.478	0.483	0.48	0.02	0.625	0.879	0.615	0.629	1.09	1.16	0.49	0.475	0.534	0.436
Tl208	0.147 JK	0.141 JK	0.143 JK	0.14 JK	0.14	0.00	0.178 JK	0.244 JK	0.177 JK	0.196 JK	0.333 JK	0.322 JK	0.145 JK	0.129 JK	0.158 JK	0.133 JK
Gross Alpha and Beta (pCi/g)																
Alpha	6.02 U	10.2	13.2	6.02 U	7.36	4.47	7.38 U	6.17 U	7.53	7.86	19.5	14.6	9.64	5.84 U	7.38 U	5.98 U
Beta	11.9	13.4	11.3	12.8	12.35	0.81	11.8	13.2	14.8	13.2	15	13.8	13.9	11.3	14.8	12.4
Actinides by Extraction Chromatography (pCi/g)																
Th228	0.583	0.333	0.279	0.406	0.40	0.11	0.489	0.527	0.605	0.599	0.814	1.23	0.378 JK	0.413	0.564	0.365
Th230	0.433	0.545	0.462	0.517	0.49	0.04	0.764	0.747	0.538	0.353	1.04	1.21	0.496	0.497	0.377	0.704
Th232	0.295	0.378	0.372	0.265	0.33	0.05	0.523	0.649	0.404	0.541	1.04	1.12	0.403	0.423	0.44	0.499
U234	0.782	0.558	0.7 JK	0.688 JK	0.68	0.08	0.777	0.52	0.655	0.491	0.866	1.35	0.632	0.377	0.516	0.46
U238	0.802 JK	0.552	0.525	0.567	0.61	0.11	0.828	0.669	0.549	0.527	0.767	1.18	0.461	0.48 JK	0.785	0.497

Table 6-3 Soil Samples - Analytical Results Summary (Radionuclides)

Sample Location Description	Background				Background Statistical Summary		Orchard Heights Park		7th & Patterson Ballfields	
EPA Sample ID	BG01SS 13234000	BG02SS 13234001	BG03SS 13234002	BG04SS 13234003	Mean Background[a]	Background σ[a]	OH01SS 13234037	OH03SS 13234039	SP02SS 13234019	SP04SS 13234021
Gamma Spectrometry (pCi/G)										
Bi212	**0.582 JK**	**0.505 JK**	**0.5 JK**	**0.598 JK**	0.55	0.04	**0.559 JK**	**0.878 JK**	**0.538 JK**	**0.71 JK**
Bi214	**0.408 JK**	**0.411 JK**	**0.391 JK**	**0.434 JK**	0.41	0.02	**0.548 JK**	**0.541 JK**	**0.497 JK**	**0.492 JK**
Cs137	**0.0554**	**0.0392**	**0.0381**	**0.0743**	0.05	0.01	**0.0185**	**0.025**	0.0136 U	0.0147 U
K40	**10.5**	**10.1**	**10.1**	**10.4**	10.28	0.18	**10.8**	**9.88**	**11.7**	**12.2**
Pa234m	NR	**1.7 JK**	**1.65 JK**	**1.25 JK**	1.53	0.20	NR	NR	NR	NR
Pb212	**0.404 JK**	**0.406 JK**	**0.405 JK**	**0.429 JK**	0.41	0.01	**0.511 JK**	**0.587 JK**	**0.509 JK**	**0.545 JK**
Pb214	**0.49 JK**	**0.511 JK**	**0.489 JK**	**0.523 JK**	0.50	0.01	**0.607 JK**	**0.653 JK**	**0.584 JK**	**0.572 JK**
Ra228	**0.458**	**0.513**	**0.478**	**0.483**	0.48	0.02	**0.586**	**0.781**	**0.626**	**0.621**
Tl208	**0.147 JK**	**0.141 JK**	**0.143 JK**	**0.14 JK**	0.14	0.00	**0.181 JK**	**0.209 JK**	**0.179 JK**	**0.188 JK**
Gross Alpha and Beta (pCi/g)										
Alpha	6.02 U	**10.2**	**13.2**	6.02 U	7.36	4.47	6.12 U	**10.9**	6.15 U	**9.68**
Beta	**11.9**	**13.4**	**11.3**	**12.8**	12.35	0.81	**12.9**	**13.3**	**13.9**	**13.8**
Actinides by Extraction Chromatography (pCi/g)										
Th228	**0.583**	**0.333**	**0.279**	**0.406**	0.40	0.11	**0.418**	**0.694**	**0.719**	**0.505**
Th230	**0.433**	**0.545**	**0.462**	**0.517**	0.49	0.04	**0.508**	**0.52**	**0.497**	**0.336**
Th232	**0.295**	**0.378**	**0.372**	**0.265**	0.33	0.05	**0.405**	**0.599**	**0.579**	**0.48**
U234	**0.782**	**0.558**	**0.7 JK**	**0.688 JK**	0.68	0.08	**0.572**	**0.562**	**0.498**	**0.6 JK**
U238	**0.802 JK**	**0.552**	**0.525**	**0.567**	0.61	0.11	**0.689**	**0.499**	**0.599 JK**	**0.61**

Notes:

For sake of brevity, the sample specific MDC and and 2σ uncertainty values have been omitted from this table. This data is included in the analytical reports (Appendix D).

0.418 Bold type indicates the sample result is above the sample specific MDC

0.599 Underlining indicates the sample result is elevated as defined in Section 5

a = When the result for a background sample was less than the samples MDC, the mean background and background standard deviation were calculated using 1/2 MDC for that result

Key:

σ = Standard Deviation
pCi/g = Picocurries per gram on a dry weight basis
bgs = Below ground surface.
EPA = United States Environmental Protection Agency.
ID = Identification.
J = A "J" qualified indicates a result that may be significantly under or overestimated (as per NAREL)
K = The direction of bias is not known.
MDC = Sample specific minimum detectable concentration
NA = Not applicable/no standard has been developed
NR = Result for analyte not reported
U = The analyte was not detected at or above the associated value.

Table 6-4 Soil Samples - Analytical Results Summary (Total Recoverable Rare/Exotic Metals)

EPA Sample ID	Cleanup Levels	13234001	13234010	13234012	13234014	13234015	13234016	13234022	13234026	13234027	13234029	13234037	13234039	13234040	13234018	13234019	13234020	13234021
Sample Location Description		BG02SS	WM03SS	WM05SS	WM07SS	WH01SS	WH02SS	WP01SS	WP05SS	WP06SS	WP08SS	OH01SS	OH03SS	OH04SS	SP01SS	SP02SS	SP03SS	SP04SS
CLP Sample ID		JSXT7	JSXX8	JSXY0	JSXY2	JSXZ3	JSXZ4	JSXT9	JSXW1	JSXW2	JSXW7	JSXY5	JSXY7	JSXY8	JSXX2	JSXX3	JSXX4	JSXX5
Depth (inches bgs)		0-3	0-6	0-6	0-6	0-6	0-6	0-3	0-6	0-6	0-6	0-6	0-6	0-6	0-6	0-6	0-6	0-6
Location		Background	Walker Middle School			West Salem High		Wallace Marine Park				Orchard Heights Park			7th and Patterson			
Total Recoverable Metals (mg/kg)																		
Niobium	NA	0.98 UJL	0.99 UJL	**2.2 JL**	**1.2 JL**	**2.5 JL**	**3 JL**	**1 JL**	1 UJL	**1 JL**	1 UJL	**1.6 JL**	**1.5 JL**	**2 JL**	1 UJL	1 UJL	1 UJL	0.99 UJL
Titanium	NA	**1550**	**912**	**1350**	**1790**	**5810**	**6090**	**1640**	**1220**	**1590**	**1510**	**1650**	**1670**	**2250**	**1400**	**1760**	**1460**	**1400**
Zirconium	NA	**19 JL**	**16 JL**	**19 JL**	**18 JL**	**56 JL**	**49 JL**	**11 JL**	**18 JL**	**14 JL**	**21 JL**	**22 JL**	**17 JL**	**14 JL**	**19 JL**	**20 JL**	**23 JL**	**20 JL**

Notes:

Bold type indicates the sample result is above the CRQL.

Underlining indicates the sample result is elevated as defined in Section 5

Key:

bgs = Below ground surface.
CLP = Contract Laboratory Program.
CRQL = Contract Required Quantitation Limit.
EPA = United States Environmental Protection Agency.
ID = Identification.
J = The analyte was positively identified. The associated numerical value is an estimate.
L = Reported result is has a low bias
mg/kg = milligrams per kilogram.
NA = No cleanup level has been established for the given analyte
Q = The analyte was positively identified. The associated numerical value is above the instrument detection limit but below the sample specific CRQL.
U = The analyte was not detected at or above the associated value.

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Table 6-5 Sediment Samples - Analytical Results Summary (Inorganic and Organic Constituents)

EPA Sample ID Station Location Description CLP Sample ID Depth (inches bgs)	Cleanup Levels[a]	13234006 BG03SD JSXT8 0-6	13234017 WM01SD JSXY3 0-6	13234032 WP01SD JSXW3 0-2	13234033 WP02SD JSXW8 0-4	13234034 WP03SD JSXW9 0-6	13234035 WP04SD JSXX0 0-6	13234036 WP05SD JSXX1 0-6	13234042 OH01SD JSXZ2 0-3	13234043 OH02SD JSXZ0 0-3	13234044 OH03SD JSXZ1 0-6
Location		Background	Walker Middle School	Wallace Marine Park					Orchard Heights Park		
Metals (mg/kg)											
Aluminum	77000[b]	**10800 JL**	**17300 JL**	**11400 JL**	**17900 JL**	**9970 JL**	**6390 JL**	**8460 JL**	**16200 JL**	**12600 JL**	**12900 JL**
Arsenic	18[c]	6.9 U	5.4 U	6.4 U	7.9 U	5.4 U	5.6 U	5.8 U	3.8 U	3.6 U	**4.7**
Barium	15000 (730[c])	**99.6**	**288 JK**	**66.2**	**153**	**58.6**	**50.1**	**69.6**	**408 JK**	**317 JK**	**301 JK**
Calcium	NA	**4460 JL**	**2850**	**4730 JL**	**6330 JL**	**3850 JL**	**3170 JL**	**3650 JL**	**2430**	**2870**	**2630**
Chromium	120000	11.1 JQ (13.8 SQL)	**12.8 JL**	9.6 JQ	**18**	9.2 JQ	7.4 JQ	8.7 JQ	**16.1 JL**	**15.4 JL**	**18.2 JL**
Cobalt	23[b]	**8.7 JL**	**5.9 JL**	**9.6 JL**	**14.2 JL**	**6.9 JL**	**6.6 JL**	**7.3 JL**	**40.8 JL**	**23.9 JL**	**33.4 JL**
Copper	3100	**16.1**	**18.5**	**20.0**	**26.9**	**11.7**	**16.3**	**13.3**	**12.5**	**14.1**	**13.6**
Iron	55000[b]	**24800 JL**	**15500 JL**	**26400 JL**	**32800 JL**	**20400 JL**	**17600 JL**	**20700 JL**	**102000 JL**	**74300 JL**	**88000 JL**
Lead	400	**3.7**	**21.7 JL**	**5.0**	**8.1**	**2.9**	2.8 U	**3**	**18.5 JL**	**13.8 JL**	**19.7 JL**
Magnesium	NA	**4310 JL**	**2400**	**4600 JL**	**6020 JL**	**3500 JL**	**2790 JL**	**2970 JL**	**1790**	**2710**	**2080**
Manganese	2900[c]	**313 JL**	**123**	**323 JL**	**461 JL**	**294 JL**	**214 JL**	**269 JL**	**7660**	**2800**	**2790**
Molybdenum	NA	1.4 U	2.1 U	1.3 U	1.6 U	1.1 U	1.1 U	1.1 U	**2**	1.4 U	1.5 U
Nickel	1500[b]	**16.8 JL**	**9.4 JL**	**18.6 JL**	**24 JL**	**10.4 JL**	**15.7 JL**	**13.4 JL**	**9.1 JL**	**9.7 JL**	**11.8 JL**
Potassium	NA	571 JQ	807 JQ	562 JQ	**793**	507 JQ	475 JQ	529 JQ	629 JQ	461 JQ	495 JQ
Vanadium	390[b]	**38.7 JL**	**44.6 JL**	**34.8 JL**	**57.3 JL**	27.2 UJL	28 UJL	**30.8 JL**	**135 JL**	**97.3 JL**	**128 JL**
Zinc	23000[b]	**41.7 JL**	**72.1 JL**	**42.6 JL**	**66.4 JL**	**31.1 JL**	**31.2 JL**	**34.5 JL**	**263 JL**	**262 JL**	**184 JL**
Pesticides (µg/kg)											
Endosulfan Sulfate	370000[d]	**39**	7.7 U	**54**	**15**	3.6 U	4.1 U	0.11 JQ	**70**	**25**	4.6 U
Gamma-bhc (lindane)	380	2.2 U	4 U	2.2 U	2.6 U	1.9 U	2.1 U	2.1 U	**4.1**	2.6 U	0.45 JQ
Heptachlor Epoxide	53	2.2 U	4 U	**4.1**	2.6 U	1.9 U	2.1 U	2.1 U	2.6 U	2.6 U	2.3 U
Methoxychlor	NA	22 U	40 U	22 U	26 U	19 U	21 U	21 U	**47**	10 JQ	10 JQ
Semivolatile Organic Compounds (µg/kg)											
Acenaphthene	4700000	4.3 U	7.6 U	4.4 U	5.1 U	3.6 U	4 U	4.1 U	**130**	**7.7**	**25**
Acenaphthylene	NA	4.3 U	2.9 JQ	4.4 U	5.1 U	3.6 U	4 U	4.1 U	**9.1**	2.2 JQ	3.8 JQ
Anthracene	23000000	4.3 U	2.8 JQ	3.2 JQ	5.1 U	3.6 U	4 U	4.1 U	**570**	**110**	**280**
Benzo(a)anthracene	150	4.3 U	**11**	**38**	2 JQ	1.5 JQ	4 U	1.8 JQ	**2100**	**280**	**640**
Benzo(a)pyrene	15	4.3 U	7.6 U	**26**	5.1 U	3.6 U	4 U	4.1 U	**2200**	**280**	**680**
Benzo(b)fluoranthene	150	4.3 U	5.7 JQ	**29**	5.1 U	3.6 U	4 U	4.1 U	**3500**	**430**	**1100**
Benzo(g,h,i)perylene	NA	4.3 U	4.4 JQ	**12**	5.1 U	3.6 U	4 U	4.1 U	**910 JK**	**150**	**250**
Benzo(k)fluoranthene	1500	4.3 U	7.6 U	**12**	5.1 U	3.6 U	4 U	4.1 U	**1200**	**170**	**410**

Table 6-5 Sediment Samples - Analytical Results Summary (Inorganic and Organic Constituents)

EPA Sample ID Station Location Description CLP Sample ID Depth (inches bgs)	Cleanup Levels[a]	13234006 BG03SD JSXT8 0-6	13234017 WM01SD JSXY3 0-6	13234032 WP01SD JSXW3 0-2	13234033 WP02SD JSXW8 0-4	13234034 WP03SD JSXW9 0-6	13234035 WP04SD JSXX0 0-6	13234036 WP05SD JSXX1 0-6	13234042 OH01SD JSXZ2 0-3	13234043 OH02SD JSXZ0 0-3	13234044 OH03SD JSXZ1 0-6
Location		Background	Walker Middle School	Wallace Marine Park					Orchard Heights Park		
Bis(2-ethylhexyl)phthalate	35000	220 U	390 U	230 U	260 U	190 U	210 U	210 U	150 JQ	160 JQ	**<u>230</u>**
Carbazole	NA	220 U	390 U	230 U	260 U	190 U	210 U	210 U	**<u>410</u>**	260 U	100 JQ
Chrysene	14000	4.3 U	**<u>13</u>**	**<u>34</u>**	2 JQ	1.5 JQ	4 U	1.7 JQ	**<u>2400</u>**	**<u>330</u>**	**<u>780</u>**
Dibenzo(a,h)anthracene	15	4.3 U	7.6 U	4 JQ	5.1 U	3.6 U	4 U	4.1 U	**<u>400</u>**	**<u>49</u>**	**<u>74 JK</u>**
Fluoranthene	2300000	4.3 U	**<u>12</u>**	**<u>37</u>**	2 JQ	2 JQ	4 U	2.1 JQ	**<u>6200</u>**	**<u>850</u>**	**<u>2300</u>**
Fluorene	3100000 (230000[b])	4.3 U	7.6 U	4.4 U	5.1 U	3.6 U	4 U	4.1 U	**<u>240</u>**	**<u>15</u>**	**<u>55 JK</u>**
Indeno(1,2,3-cd)pyrene	150	4.3 U	2.6 JQ	**<u>13</u>**	5.1 U	3.6 U	4 U	4.1 U	**<u>910</u>**	**<u>170</u>**	**<u>280</u>**
Phenanthrene	NA	4.3 U	**<u>9.3</u>**	**<u>7.8</u>**	5.1 U	3.6 U	4 U	4.1 U	**<u>3700</u>**	**<u>320</u>**	**<u>1000</u>**
Pyrene	1700000	4.3 U	**<u>21</u>**	**<u>41</u>**	2.2 JQ	2 JQ	4 U	2.2 JQ	**<u>3900</u>**	**<u>560</u>**	**<u>1400</u>**
Naphthalene	4600	4.3 U	7.6 U	4.4 U	5.1 U	3.6 U	4 U	4.1 U	**<u>5.6</u>**	1.7 JQ	1.9 JQ

Notes:

66.4 JL Bold type indicates the sample result is above the CRQL.

<u>12</u> Underlining indicates the sample result is elevated as defined in Section 5

<u>26</u> Shaded cells indicate sample result exceeds given cleanup level

a = All cleanup levels are ODEQ RBCs for direct contact, ingestion in a residential scenario unless otherwise specified

b = EPA RSL for the residential direct contact scenario

c = ODEQ established default background level for naturally occurring minerals

d = Value is for Endosulfan alpha and beta. No cleanup level has been established for Endosulfan sulfate

Key:

µg/kg = micrograms per kilogram.

bgs = Below ground surface.

CLP = Contract Laboratory Program.

CRQL = Contract Required Quantitation Limit.

EPA = United States Environmental Protection Agency.

ID = Identification.

J = The analyte was positively identified. The associated numerical value is an estimate.

L = Reported result is has a low bias

K = The direction of bias is not known.

mg/kg = milligrams per kilogram.

NA = No cleanup level or background level has been established for given analyte

ODEQ = Oregon Department of Environmental Quality

Q = The analyte was positively identified. The associated numerical value is above the instrument detection limit but below the sample specific CRQL.

RBC = Risk Based Concentration

RSL = Regional Screening Level

SIM = Select ion monitoring.

SQL = Sample Quantitation Limit

U = The analyte was not detected at or above the associated value.

WM = Walker Middle School

Table 6-6 Sediment Samples - Analytical Results Summary (Radionuclides)

Sample Location Description	Background				Background Statistical Summary		Walker Middle	Wallace Marine Park	Orchard Heights Park
EPA Sample ID	BG01SD 13234004	BG02SD 13234005	BG03SD 13234006	BG04SD 13234007	Mean Background[a]	Background σ[a]	WM01SD 13234017	WP01SD 13234032	OH01SD 13234042
Gamma Spectrometry (pCi/G)									
Be7	NR	**0.218**	**0.276**	NR	0.247	0.029	NR	**0.309**	**0.556**
Bi212	**0.491 JK**	**0.76 JK**	**0.455 JK**	**0.578 JK**	0.571	0.118	**1.09 JK**	**0.451 JK**	**1.11 JK**
Bi214	**0.402 JK**	**0.528 JK**	**0.425 JK**	**0.411 JK**	0.442	0.051	**0.678 JK**	**0.431 JK**	**0.837 JK**
Cs137	**0.0383**	0.0134 U	**0.0162**	**0.0264**	0.022	0.012	**0.11**	**0.0319**	**0.039**
Pb212	**0.442 JK**	**0.547 JK**	**0.43 JK**	**0.396 JK**	0.454	0.056	**0.832 JK**	**0.43 JK**	**0.872 JK**
Pb214	**0.517 JK**	**0.637 JK**	**0.516 JK**	**0.457 JK**	0.532	0.065	**0.816 JK**	**0.488 JK**	**0.981 JK**
Ra228	**0.524**	**0.646**	**0.505**	**0.435**	0.528	0.076	**1.02**	**0.511**	**1.06**
Th234	0.767 UJK	**0.894 JK**	**0.722 UJK**	0.915 UJK	0.524	0.217	**1.03 JK**	NR	**1.12 JK**
Tl208	**0.146 JK**	**0.181 JK**	**0.145 JK**	**0.138 JK**	0.153	0.017	**0.282 JK**	**0.145 JK**	**0.289 JK**
Gross Alpha and Beta (pCi/g)									
Alpha	7.19 U	7.46 U	6.35 U	6.12 U	3.390	0.280	**15.9**	5.91 U	**12.3**
Beta	**15.1**	**17.7**	**14.3**	**15.4**	15.625	1.264	**14.1**	**10.6**	**12.4**
Actinides by Extraction Chromatography (pCi/g)									
Th228	**0.471 JK**	**0.575**	**0.482**	**0.314**	0.461	0.094	**0.65**	**0.367**	**0.872**
Th230	**0.519**	**0.482**	**0.399**	**0.393**	0.448	0.054	**0.93**	**0.422**	**0.855**
Th232	**0.504**	**0.341**	**0.324**	**0.335**	0.376	0.074	**0.858**	**0.468**	**0.865**
U234	**0.43**	**0.497**	**0.33**	**0.491 JK**	0.437	0.067	**0.674**	**0.595**	**0.675**
U238	**0.532**	**0.528**	**0.363**	**0.37**	0.448	0.082	**0.633**	**0.486**	**0.785**

Notes:

For sake of brevity, the sample specific MDC and and 2σ uncertainty values have been omitted from this table. This data is included in the analytical reports (Appendix D).

0.418 Bold type indicates the sample result is above the sample specific MDC

0.599 Underlining indicates the sample result is elevated as defined in Section 5

a = When the result for a background sample was less than the samples MDC, the mean background and background standard deviation were calculated using 1/2 MDC for that result

Key:

σ = Standard Deviation
pCi/g = Picocurries per gram on a dry weight basis
bgs = Below ground surface.
EPA = United States Environmental Protection Agency.
ID = Identification.
J = A "J" qualified indicates a result that may be significantly under or overestimated (as per NAREL)
K = The direction of bias is not known.
MDC = Sample specific minimum detectable concentration
NA = No screening value is included in SCDM for the given radiological constituent
NR = Result for analyte not reported
SD = Standard Deviation
U = The analyte was not detected at or above the associated value.

Table 6-7 Sediment Samples - Analytical Results Summary (Total Recoverable Rare/Exotic Metals)

EPA Sample ID Sample Location Description CLP Sample ID Depth (inches bgs)	Cleanup Levels	13234006 BG03SD JSXT8 0-6	13234017 WM01SD JSXY3 0-6	13234032 WP01SD JSXW3 0-2	13234042 OH01SD JSXZ2 0-3	13234044 OH03SD JSXZ1 0-6
Location		Backgound	Walker Middle School	Wallace Marine Park	Orchard Heights Park	
Total Recoverable Metals (mg/kg)						
Niobium	NA	0.98 UJL	**2.1 JL**	1 UJL	**1.6 JL**	**1.1 JL**
Titanium	NA	**1610**	**1910**	**1940**	**3490**	**2440**
Zirconium	NA	**19 JL**	**21 JL**	**19 JL**	**39 JL**	**27 JL**

Notes:

Bold type indicates the sample result is above the CRQL.

Underlining indicates the sample result is elevated as defined in Section 5

Key:

bgs = Below ground surface.

CLP = Contract Laboratory Program.

CRQL = Contract Required Quantitation Limit.

EPA = United States Environmental Protection Agency.

ID = Identification.

J = The analyte was positively identified. The associated numerical value is an estimate.

L = Reported result has a low bias

mg/kg = milligrams per kilogram.

NA = No cleanup level has been established for the given analyte

U = The analyte was not detected at or above the associated value.

A Photographic Documentation

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Photo 1 South side of Walker Middle School near main entrance.

Direction: *East* *Date: 2/27/13* *Time: 09:42*

Photo 2 View of newer western wing of school.

Direction: *Northwest* *Date: 2/27/13* *Time: 09:42*

Photo 3 Western athletic fields on school property, as viewed from near west edge of school building.

Direction: *Northwest* *Date: 2/27/13* *Time: 09:44*

Photo 4 Additional view of western wing of school.

Direction: *East* *Date: 2/27/13* *Time: 09:44*

Photo 5 Central athletic field on north side of school building.

Direction: *East-Southeast* *Date: 2/27/13* *Time: 09:46*

Photo 6 Entrance to wetland on school property. Sign designates area as National Wildlife Federation Schoolyard Habitat.

Direction: *North* *Date: 2/27/13* *Time: 09:52*

Photo 7 Parking area on east side of school. Fence is location of closed city pool on school property.

Direction: *West* *Date: 2/27/13* *Time: 09:59*

Photo 8 Athletic fields on eastern margin of site. Hanard building is in background of photo.

Direction: *East-Southeast* *Date: 2/27/13* *Time: 10:01*

Photo 9 View of school property from near southeast corner of eastern athletic field.

Direction: West *Date: 2/27/13* *Time: 10:10*

Photo 11 Wood shop classroom.

Direction: South *Date: 2/27/13* *Time: 10:16*

Photo 10 Items in flammable storage cabinet within wood shop.

Direction: Down *Date: 2/27/13* *Time: 10:16*

Photo 12 Typical finishes noted in hallway of building.

Direction: West *Date: 2/27/13* *Time: 10:16*

Photo 13 Mechanical room in West Salem High. Piping is understood to be part of heat system.

Direction: *North* *Date*: *2/27/13* *Time*: *10:50*

Photo 14 Distribution equipment in mechanical room for potable water within school.

Direction: *East* *Date*: *2/27/13* *Time*: *10:50*

Photo 15 Entrance on east side of West Salem High.

Direction: *West* *Date*: *2/27/13* *Time*: *10:59*

Photo 16 Location of drainage swale at east end of eastern parking lot.

Direction: *North* *Date*: *2/27/13* *Time*: *11:00*

Photo 17 Standing water noted within drainage swale.

Direction: *West-Northwest* *Date: 2/27/13* *Time: 11:00*

Photo 19 View of southwest corner of high school and athletic field from southern adjacent park.

Direction: *North* *Date: 2/27/13* *Time: 11:10*

Photo 18 Drainage swale channel downstream from parking lot.

Direction: *North* *Date: 2/27/13* *Time: 11:04*

Photo 20 View of surrounding residential development with cultivated land in background.

Direction: *Date: 2/27/13* *Time: 11:11*

Photo 21 View along western margin of school property showing surrounding development and undulating terrain.

Direction: *South* *Date: 2/27/13* *Time: 11:16*

Photo 22 Looking from northern school entrance towards parking lot on northwest corner of school.

Direction: *North-Northwest* *Date: 2/27/13* *Time: 11:18*

Photo 23 Courtyard on north side of property.

Direction: *Northeast* *Date: 2/27/13* *Time: 11:19*

Photo 24 Science classroom where elevated radon levels have been detected, apparently entering from beneath visible steel covers.

Direction: *East* *Date*: *2/27/13* *Time*: *11:26*

Photo 26 Hazardous and flamable storage cabinets in 2nd floor science classroom area.

Direction: *West* *Date*: *2/27/13* *Time*: *11:36*

Photo 25 Typical chemical storage room next to science classroom in photo 24.

Direction: *South* *Date*: *2/27/13* *Time*: *11:29*

Photo 27 High school property from northeast corner of property.

Direction: *West* *Date: 2/27/13* *Time: 11:47*

Photo 28 Athletic fields on east margin of school. Land is co-owned by parks department.

Direction: *Southwest* *Date: 2/27/13* *Time: 11:50*

Photo 29 Additional view of eastern entrance to school. Grass field in foreground was scanned with Viper unit.

Direction: *Southwest* *Date: 2/27/13* *Time: 11:55*

Photo 30 Glenn Creek transecting park.

Direction: *South* *Date: 2/25/13* *Time: 15:51*

Photo 31 Athletic field area of park as viewed from near southwest corner of field.

Direction: *North* *Date: 2/25/13* *Time: 16:11*

Photo 32 Athletic field area of park as viewed from near southwest corner of field.

Direction: *East* *Date: 2/25/13* *Time: 16:11*

Photo 33 Tennis and basketball courts on site.

Direction: East *Date: 2/26/13* *Time: 11:41*

Photo 34 Play equipment on park property.

Direction: North *Date: 2/26/13* *Time: 11:41*

Photo 35 Outfall from unidentified source on park property. Noted west of play equipment.

Direction: *East* *Date: 2/26/13* *Time: 11:41*

Photo 36 Orchard (former?) property to west and uphill of park.

Direction: *West* *Date: 2/26/13* *Time: 11:41*

Photo 37 Drainage channel noted along path near northwest dog play area.

Direction: *South* *Date: 2/26/13* *Time: 11:41*

Photo 38 Dog play area on northwest corner of site.

Direction: *Date: 2/26/13* *Time: 11:41*

Photo 39 Creek crossing of walking path near southwest corner of athletic field area.

Direction: *Date: 2/26/13* *Time: 11:41*

Photo 40 Orchard Heights road bridge crossing Glenn Creek's entrance to park.

Direction: *West* *Date: 2/26/13* *Time: 11:41*

Photo 41 View of typical development in vicinity of park.

Direction: *Southeast* *Date: 2/26/13* *Time: 11:41*

Photo 42 Southeast corner of ballfield at site. Building on right side of photo is Hanard Machine.

Direction: *North* *Date*: *2/25/13* *Time*: *14:56*

Photo 43 Boat repair shop to north of ballfield property.

Direction: *Northeast* *Date*: *2/25/13* *Time*: *15:08*

Photo 44 View along northern side of ballfields.

Direction: *East* *Date*: *2/25/13* *Time*: *15:08*

Photo 45 Ballfields as viewed from near northwest corner.

Direction: *South* *Date*: *2/25/13* *Time*: *15:09*

Photo 46 Loading dock on north side of Hanard Machine. Ballfields are in background of photo.

Direction: *West* *Date: 2/25/13* *Time: 15:11*

Photo 47 Drums stored on Hanard loading dock. One of visible labels denotes contents as "Hydroclear Slideway Lubricant".

Direction: *Date: 2/25/13* *Time: 15:12*

Photo 48 Transmission repair shop to northeast of ballfields.

Direction: *North* *Date: 2/25/13* *Time: 15:12*

Photo 49 Original Hanard Machinery building located to northeast of property occupied by ballfields.

Direction: *Northeast* *Date: 2/25/13* *Time: 15:15*

Photo 50 Salem Electric property, located east of Hanard property.

Direction: *East* *Date: 2/25/13* *Time: 15:16*

Photo 51 East side of Hanard Machinery building.

Direction: *North* *Date: 2/25/13* *Time: 15:17*

Photo 52 Building previously occupied by Gould Battery to south of ballfields.

Direction: *East* *Date: 2/25/13* *Time: 15:27*

Photo 1 Sample location, material, and jar for sample BG01SS.

Direction: Down *Date: 6/10/13* *Time: 04:25* *Taken by: BC*

Photo 2 Sample location, material, and jar for sample BG02SS.

Direction: Down *Date: 6/10/13* *Time: 04:52* *Taken by: BC*

Photo 3 Sample location, material, and jar for sample BG03SS.

Direction: Down *Date: 6/10/13* *Time: 05:10* *Taken by: DP*

Photo 4 Sample location, material, and jar for sample BG04SS.

Direction: Down *Date: 6/10/13* *Time: 05:12* *Taken by: DP*

Photo 5 Closer view of sample location and jar for sample BG01SD.

Direction: *Down* *Date*: *6/10/13* *Time*: *05:52* *Taken by*: *BC*

Photo 6 Close view of sample material and jar for sample BG02SD.

Direction: *Down* *Date*: *6/10/13* *Time*: *06:19* *Taken by*: *BC*

Photo 7 Sample material, location, and jars for sample BG03SD. Sample collected from silt in river behind shoreline rocks.

Direction: *Northwest* *Date*: *6/10/13* *Time*: *06:42* *Taken by*: *BC*

Photo 8 Sample material, location, and jar for sample BG04SD.

Direction: *Down* *Date*: *6/10/13* *Time*: *06:59* *Taken by*: *DP*

Photo 9 View of sample material, location, and jars for sample WM01SS.

Direction: *South* *Date: 6/12/13* *Time: 15:00* *Taken by: BC*

Photo 10 View of sample material, location, and jars for sample WM02SS.

Direction: *North* *Date: 6/12/13* *Time: 15:21* *Taken by: BC*

Photo 11 View of sample material, location, and jars for sample WM03SS.

Direction: *North* *Date: 6/12/13* *Time: 15:55* *Taken by: BC*

Photo 12 View of sample material, location, and jars for sample WM04SS. Tracks show Viper transect locations.

Direction: *Down* *Date: 6/12/13* *Time: 17:37* *Taken by: BC*

Photo 13 View of sample material, location, and jars for sample WM05SS, looking towards home base.

Direction: *Northwest* *Date: 6/12/13* *Time: 17:59* *Taken by: DP*

Photo 14 View of sample material, location, and jars for sample WM01SD.

Direction: *Down* *Date: 6/12/13* *Time: 18:21* *Taken by: BC*

Photo 15 View of sample location for sample WM06SS. Sample collected from next to whiteboard.

Direction: *South* *Date: 6/12/13* *Time: 18:43* *Taken by: DP*

Photo 16 Sample jars and location with main school entrance in background of photo.

Direction: *West* *Date: 6/12/13* *Time: 19:19* *Taken by: DP*

Photo 17 Sample location, material, and jars for sample WH01SS.

Direction: West *Date: 6/14/13* *Time: 13:22* *Taken by: BC*

Photo 18 Sample location, material, and jars for sample WH02SS.

Direction: East *Date: 6/14/13* *Time: 14:04* *Taken by: BC*

Photo 19 Sample location, material, and jars for sample WH03SS.

Direction: West *Date: 6/14/13* *Time: 14:12* *Taken by: BC*

Photo 20 Area on south grass field screened with Viper. Orange/red pin flags show alignments of transects.

Direction: *Southwest* *Date: 6/11/13* *Time: 10:48* *Taken by: DP*

Photo 21 Sample location WP01SS and jars, 2nd view.

Direction: *East* *Date: 6/11/13* *Time: 11:03* *Taken by: DP*

Photo 22 View of sample location (WP01SD) and southern dock next to boat ramp at Wallace Marine Park.

Direction: *Southwest* *Date: 6/11/13* *Time: 12:59* *Taken by: DP*

Photo 23 Second view of sample location for WP02SS.

Direction: *East* *Date: 6/11/13* *Time: 13:35* *Taken by: DP*

Photo 24 Sample location and jars for sample WP03SS, right field line and outfield fence visible.

Direction: *West* *Date: 6/11/13* *Time: 14:25* *Taken by: DP*

Photo 25 View of sample location WP04SS, with outfield fence and adjacent baseball diamond visible.

Direction: *North-Northeast* *Date: 6/11/13* *Time: 14:39* *Taken by: DP*

Photo 26 Sample location, jars, and material for sample WP05SS. Stockpile was formerly used in baseball diamond infields.

Direction: *West* *Date: 6/11/13* *Time: 15:15* *Taken by: DP*

Photo 27 View of sample location for WP02SD. Highway 22 and Center Street bridges both in photo.

Direction: *East* *Date: 6/11/13* *Time: 16:25* *Taken by: DP*

Photo 28 Looking towards old boat ramp and Willamette River from sample location WP06SS.

Direction: *East* *Date: 6/11/13* *Time: 16:55* *Taken by: DP*

Photo 29 Gravel bar sample WP07SS collected from

Direction: *North* *Date: 6/11/13* *Time: 17:28* *Taken by: DP*

Photo 30 Sample location, material, and jars for sample WP03SD.

Direction: *East* *Date: 6/11/13* *Time: 17:55* *Taken by: BC*

Photo 31 Sample location, material, and jars for sample WP04SD.

Direction: *East* *Date: 6/11/13* *Time: 18:04* *Taken by: BC*

Photo 32 Sample location, material, and jars for sample WP05SD.

Direction: *South* *Date*: *6/11/13* *Time*: *18:34* *Taken by*: *DP*

Photo 33 View of sample location relative to soccer goal.

Direction: *North* *Date*: *6/11/13* *Time*: *18:59* *Taken by*: *DP*

Photo 34 View of Viper transect path on baseball diamond at Orchard Heights Park.

Direction: West *Date: 6/13/13* *Time: 10:27* *Taken by: JL*

Photo 35 Viper data link and Ludlum probe and meter deployed on buggy.

Direction: Down *Date: 6/13/13* *Time: 10:30* *Taken by: JL*

Photo 36 Sample location, material, and jars for sample OH01SS.

Direction: South *Date: 6/13/13* *Time: 13:37* *Taken by: BC*

Photo 37 Sample location, material, and jars for sample OH02SS.

Direction: South *Date: 6/13/13* *Time: 14:10* *Taken by: BC*

Photo 38 Sample location, material, and jars for sample OH03SS.

Direction: Northeast *Date: 6/13/13* *Time: 14:47* *Taken by: BC*

Photo 39 Sample location, material, and jars for sample OH04SS.

Direction: South *Date: 6/13/13* *Time: 15:54* *Taken by: BC*

Photo 40 Sample location, material, and jars for sample OH05SS.

Direction: West *Date: 6/13/13* *Time: 16:22* *Taken by: BC*

Photo 41 Sample location, material, and jars for sample OH01SD.

Direction: East *Date: 6/13/13* *Time: 16:57* *Taken by: BC*

Photo 42 Sample location, material, and jars for sample OH02SD.

Direction: North *Date: 6/13/13* *Time: 17:29* *Taken by: BC*

Photo 43 Sample location, material, and jars for sample OH03SD.

Direction: West *Date: 6/13/13* *Time: 17:48* *Taken by: DP*

Photo 44 View of sample material, location, and jars for sample SP01SS.

Direction: *West* *Date: 6/12/13* *Time: 09:54* *Taken by: BC*

Photo 45 View of sample material, location, and jars for sample SP02SS.

Direction: *Southeast* *Date: 6/12/13* *Time: 10:28* *Taken by: BC*

Photo 46 View of sample material, location, and jars for sample SP03SS.

Direction: *West* *Date: 6/12/13* *Time: 11:04* *Taken by: BC*

Photo 47 View of sample material, location, and jars for sample SP04SS from further away.

Direction: *Southeast* *Date: 6/12/13* *Time: 11:35* *Taken by: BC*

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B EDR Database Reports, Historic Aerial Photographs, and Sanborn Fire Insurance Maps

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Walker Middle School
1075 8th ST NW
Salem, OR 97304

Inquiry Number: 3484172.4
December 27, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography December 27, 2012

Target Property:

1075 8th ST NW

Salem, OR 97304

Year	***Scale***	***Details***	***Source***
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 11, 1954	EDR
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: October 02, 1967	EDR
1970	Aerial Photograph. Scale: 1"=750'	Panel #: 44123-H1, Salem West, OR;/Flight Date: July 05, 1970	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 13, 1975	EDR
1980	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: June 30, 1980	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 18, 1984	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: May 23, 1994	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: June 19, 1994,May 23, 1994,July 24, 2000,July	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR

INQUIRY #: 3484172.4
YEAR: 1954
= 500'
N

INQUIRY #: 3484172.4
YEAR: 1967
= 500'
N

INQUIRY #: 3484172.4
YEAR: 1970
= 750'
N

INQUIRY #: 3484172.4
YEAR: 1975
= 1000'
N

INQUIRY #: 3484172.4
YEAR: 1980
= 1000'
N

INQUIRY #: 3484172.4
YEAR: 1984
= 1000'
N

INQUIRY #: 3484172.4
YEAR: 1994
= 500'
N

INQUIRY #: 3484172.4
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3484172.4
YEAR: 2005
= 500'
N

INQUIRY #: 3484172.4
YEAR: 2006
= 500'
N

Walker Middle School
1075 8th ST NW
Salem, OR 97304

Inquiry Number: 3484172.3
December 27, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/27/12

Site Name:
Walker Middle School
1075 8th ST NW
Salem, OR 97304

Client Name:
Ecology and Environment
720 Third Ave
Seattle, WA 98104

EDR Inquiry # 3484172.3

Contact: Derek Pulvino

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Certified Sanborn Results:

Site Name: Walker Middle School
Address: 1075 8th ST NW
City, State, Zip: Salem, OR 97304
Cross Street:
P.O. # EE-002233-0832-01TT0
Project: Walker Middle and Ballfields
Certification # A9C2-41E2-834B

Maps Provided:

1978
1950
1927

Sanborn® Library search results
Certification # A9C2-41E2-834B

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Sanborn Sheet Thumbnails

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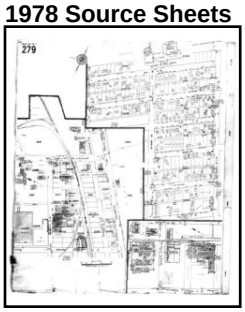
1978 Source Sheets



Volume 2, Sheet 279

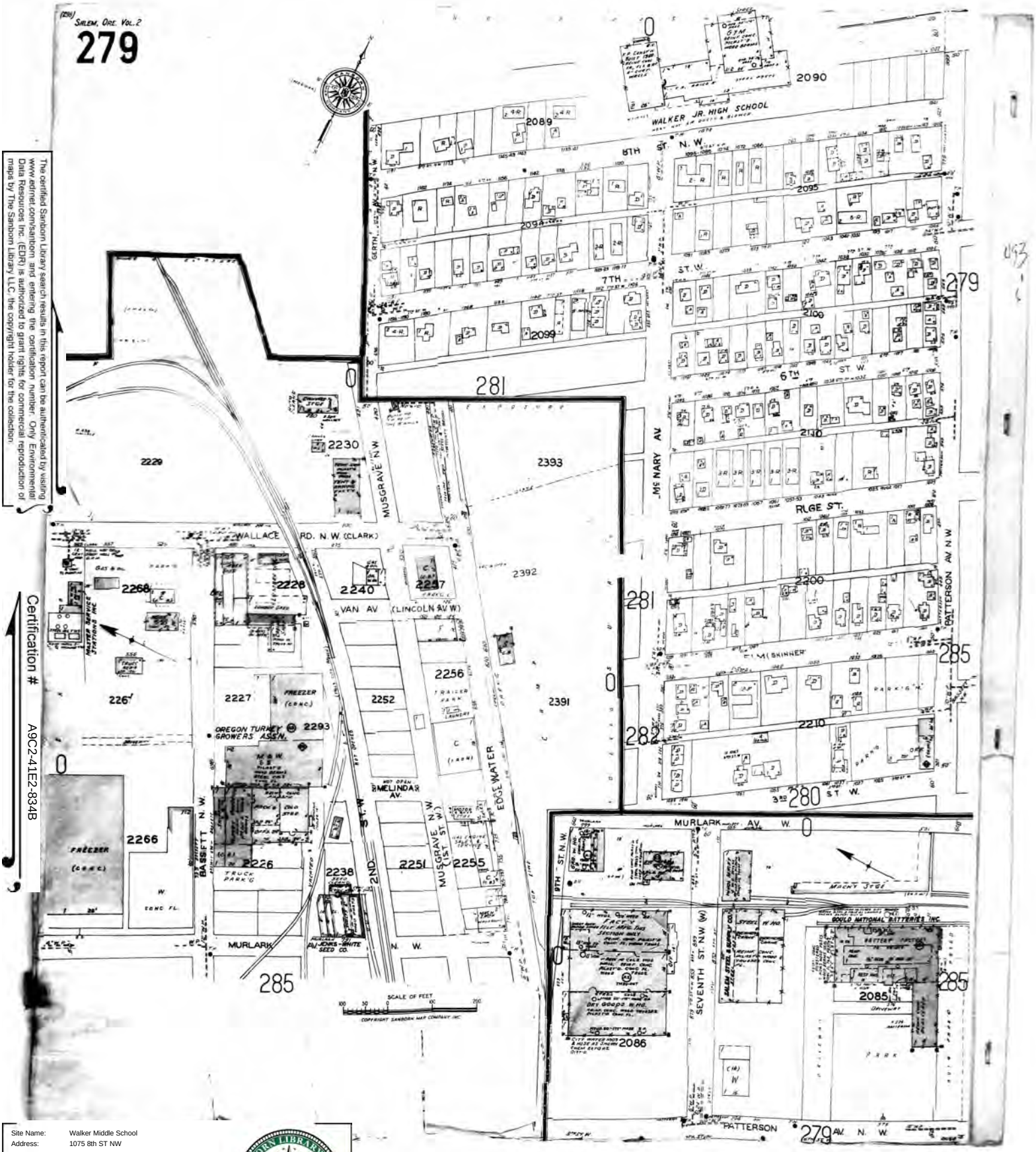
1950 Source Sheets

Volume 2, Sheet 279

1927 Source Sheets

Volume 2, Sheet 280

1978 Certified Sanborn Map



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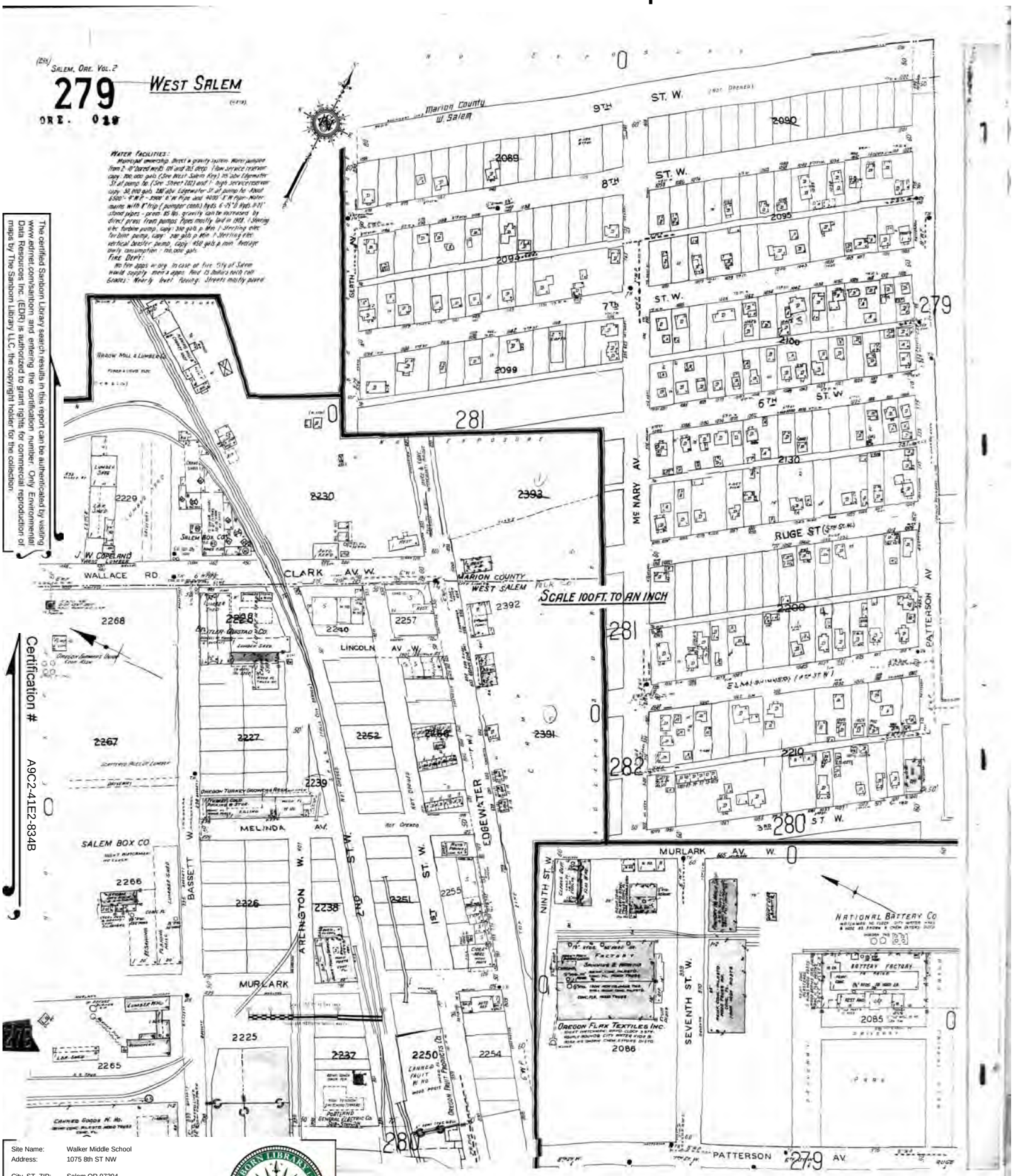
Certification # A9C2-41E2-834B

Site Name:	Walker Middle School
Address:	1075 8th ST NW
City, ST, ZIP:	Salem OR 97304
Client:	Ecology and Environment
EDR Inquiry:	3484172.3
Order Date:	12/27/2012 3:56:01 PM
Certification #	A9C2-41E2-834B
Copyright:	1978

1950 Certified Sanborn Map



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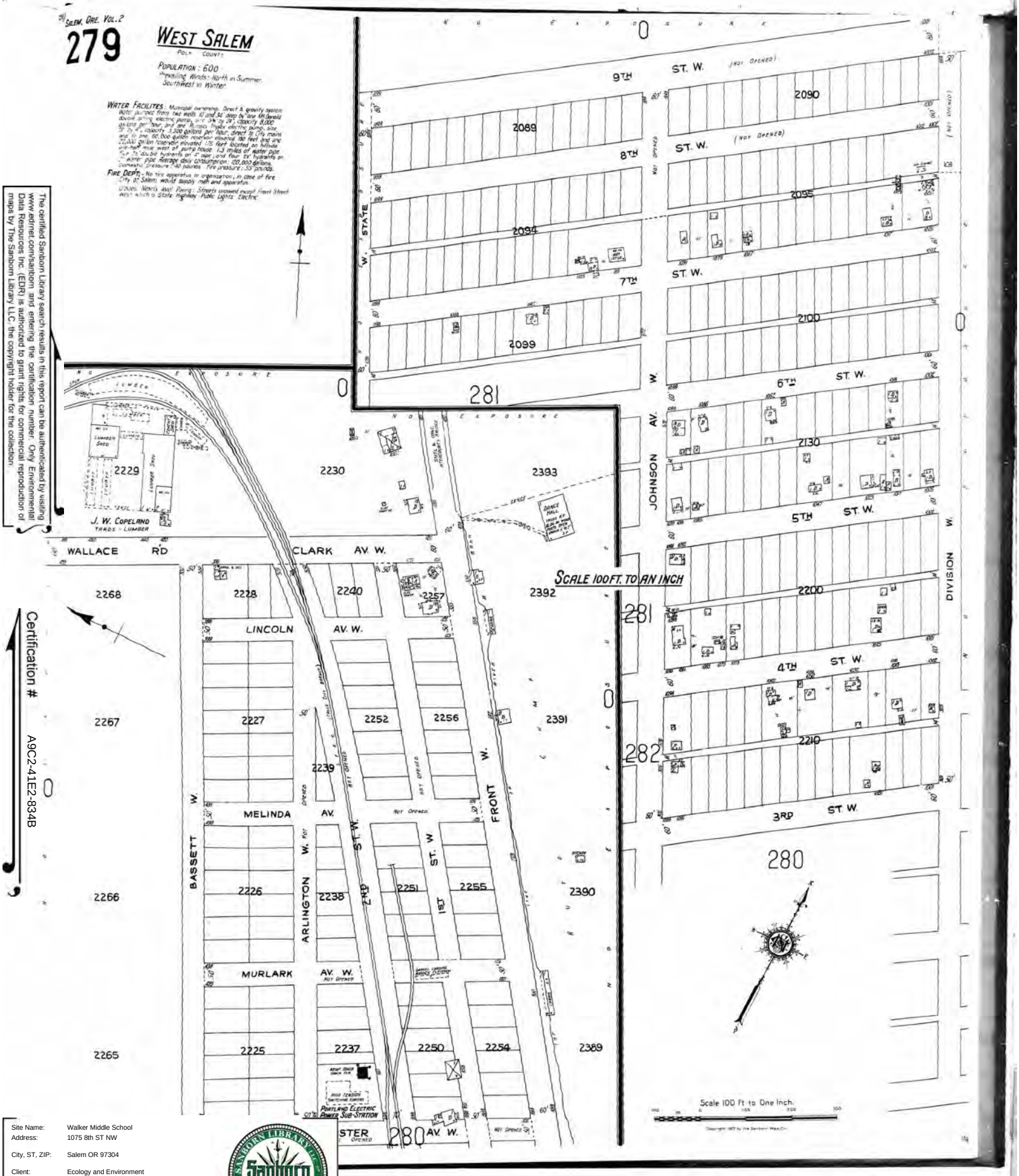
Certification # A9C2-41E2-834B

Site Name:	Walker Middle School
Address:	1075 8th ST NW
City, ST, ZIP:	Salem OR 97304
Client:	Ecology and Environment
EDR Inquiry:	3484172.3
Order Date:	12/27/2012 3:56:01 PM
Certification #	A9C2-41E2-834B
Copyright:	1950

1927 Certified Sanborn Map



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Site Name:	Walker Middle School
Address:	1075 8th ST NW
City, ST, ZIP:	Salem OR 97304
Client:	Ecology and Environment
EDR Inquiry:	3484172.3
Order Date:	12/27/2012 3:56:01 PM
Certification #	A9C2-41E2-834B
Copyright:	1927

7th and Patterson Property
859 7th St NW
Salem, OR 97304

Inquiry Number: 3489054.4
January 08, 2013

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Date EDR Searched Historical Sources:

Aerial Photography January 08, 2013

Target Property:

859 7th St NW

Salem, OR 97304

Year	***Scale***	***Details***	***Source***
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 11, 1954	EDR
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: October 02, 1967	EDR
1970	Aerial Photograph. Scale: 1"=750'	Panel #: 44123-H1, Salem West, OR;/Flight Date: July 05, 1970	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 13, 1975	EDR
1980	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: June 30, 1980	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 18, 1984	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: May 23, 1994	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: June 19, 1994,May 23, 1994,July 24, 2000,July	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR

INQUIRY #: 3489054.4
YEAR: 1954
= 500'
N

INQUIRY #: 3489054.4
YEAR: 1967
= 500'
N

INQUIRY #: 3489054.4
YEAR: 1970
= 750'
N

INQUIRY #: 3489054.4
YEAR: 1975
= 1000'
N

INQUIRY #: 3489054.4
YEAR: 1980
= 1000'
N

INQUIRY #: 3489054.4
YEAR: 1984
= 1000'
N

INQUIRY #: 3489054.4
YEAR: 1994
= 500'
N

INQUIRY #: 3489054.4
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3489054.4
YEAR: 2005
= 500'
N

INQUIRY #: 3489054.4
YEAR: 2006
= 500'
N

7th and Patterson Property
859 7th St NW
Salem, OR 97304

Inquiry Number: 3489054.3
January 09, 2013

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Certified Sanborn® Map Report

1/09/13

Site Name:
7th and Patterson Property
859 7th St NW
Salem, OR 97304

EDR Inquiry # 3489054.3

Client Name:
Ecology and Environment
720 Third Ave
Seattle, WA 98104

Contact: Derek Pulvino

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Certified Sanborn Results:

Site Name: 7th and Patterson Property
Address: 859 7th St NW
City, State, Zip: Salem, OR 97304
Cross Street:
P.O. # EE-002233-0833-01TTO
Project: 7th and Patterson Property
Certification # AEA2-4572-8055

Maps Provided:

1978
1950

Sanborn® Library search results
Certification # AEA2-4572-8055

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- ✔ University Publications of America
- ✔ EDR Private Collection

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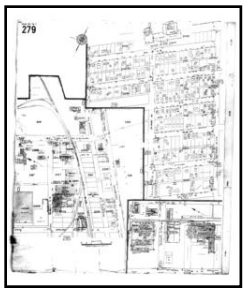
1978 Source Sheets

Volume 2, Sheet 285

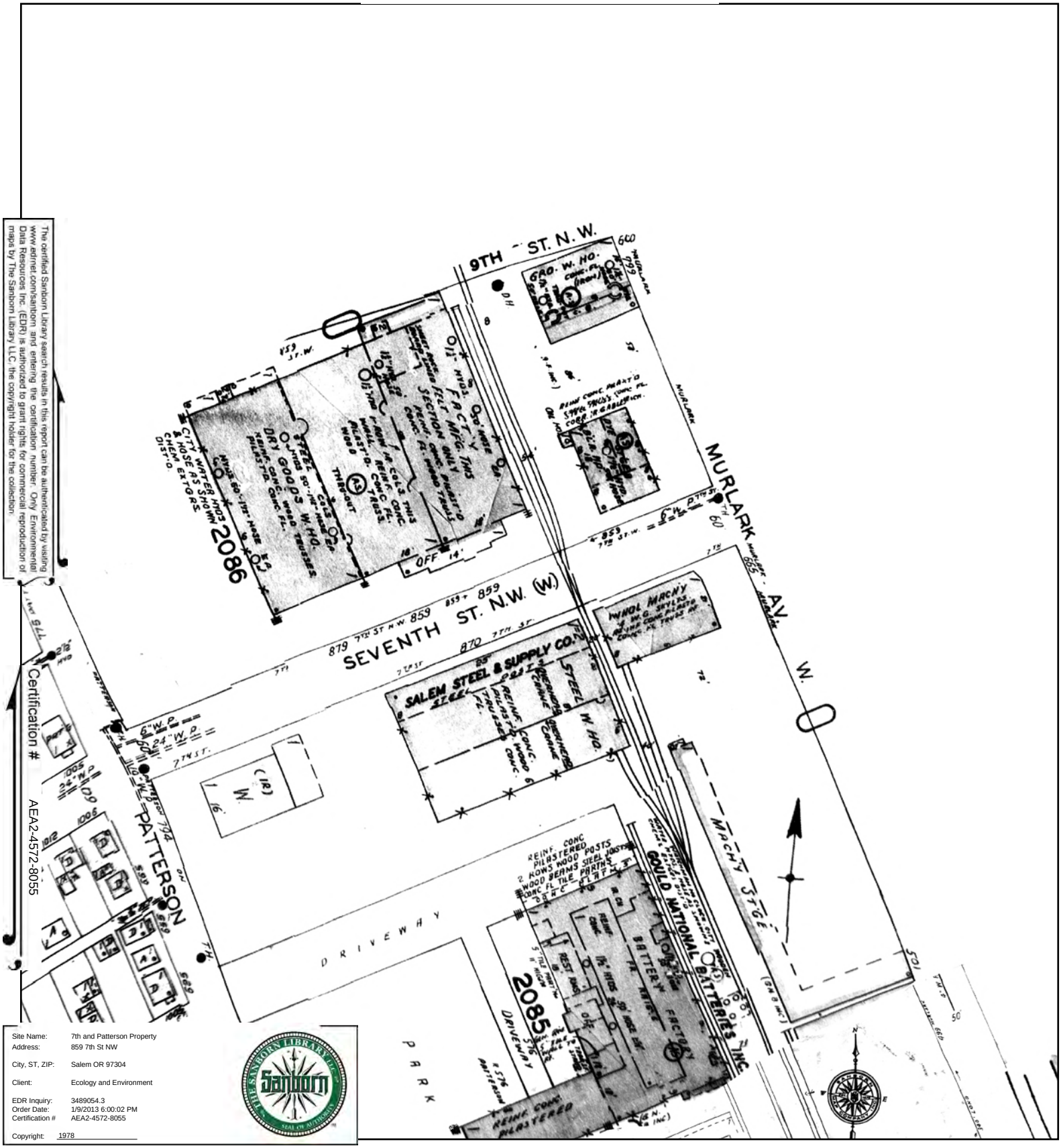


Volume 2, Sheet 279

1950 Source Sheets

Volume 2, Sheet 279

1978 Certified Sanborn Map



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Certification # AEA2-4572-8055

Site Name:	7th and Patterson Property
Address:	859 7th St NW
City, ST, ZIP:	Salem OR 97304
Client:	Ecology and Environment
EDR Inquiry:	3489054.3
Order Date:	1/9/2013 6:00:02 PM
Certification #	AEA2-4572-8055
Copyright:	1978

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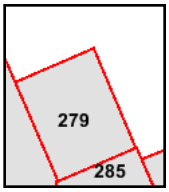
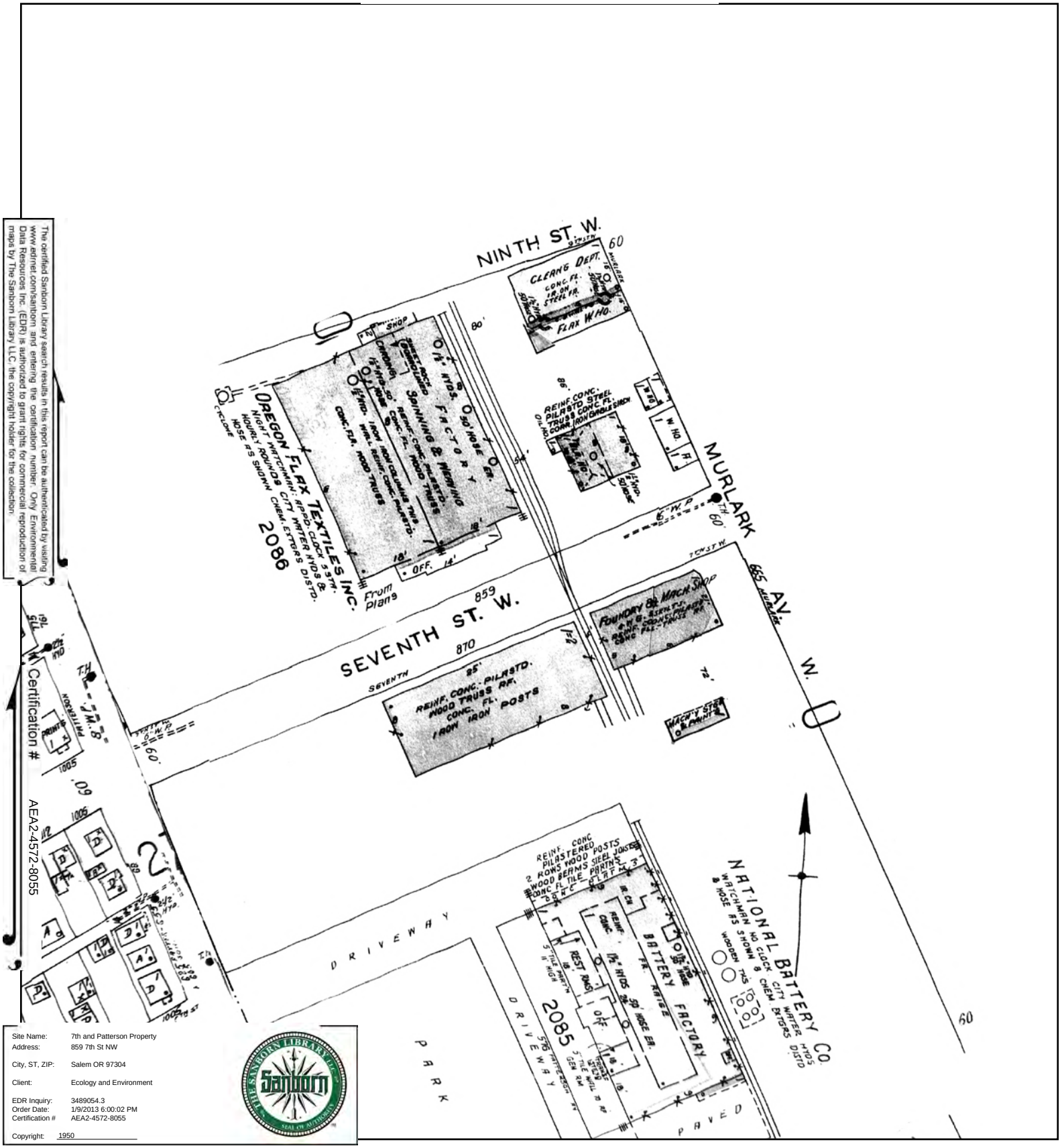
0 Feet 150 300 600



Volume 2, Sheet 285
Volume 2, Sheet 279

N

1950 Certified Sanborn Map



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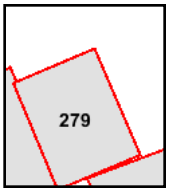

Volume 2, Sheet 279

N

7th and Patterson Property
859 7th St NW
Salem, OR 97304

Inquiry Number: 3489054.3
January 09, 2013

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1/09/13

Site Name:
7th and Patterson Property
859 7th St NW
Salem, OR 97304

EDR Inquiry # 3489054.3

Client Name:
Ecology and Environment
720 Third Ave
Seattle, WA 98104

Contact: Derek Pulvino

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Site Name: 7th and Patterson Property
Address: 859 7th St NW
City, State, Zip: Salem, OR 97304
Cross Street:
P.O. # EE-002233-0833-01TTO
Project: 7th and Patterson Property
Certification # AEA2-4572-8055

Maps Provided:

1978
1950
1927

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Certification # AEA2-4572-8055

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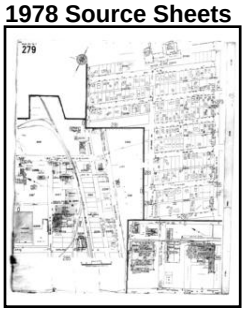

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Volume 2, Sheet 280

Volume 2, Sheet 285

1950 Source Sheets

Volume 2, Sheet 279

Volume 2, Sheet 280

1927 Source Sheets

Volume 2, Sheet 280

Volume 2, Sheet 280

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EDR Inquiry:	3489054.3
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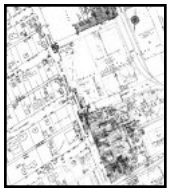

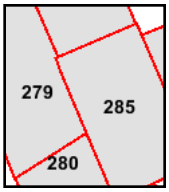

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Certification #	AEA2-4572-8055
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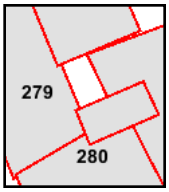

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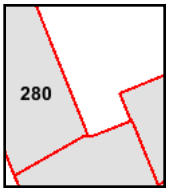

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7th and Patterson Property
859 7th St NW
Salem, OR 97304

Inquiry Number: 3489054.3
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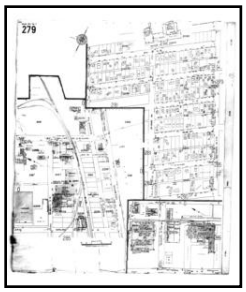


Volume 2, Sheet 279

Volume 2, Sheet 285

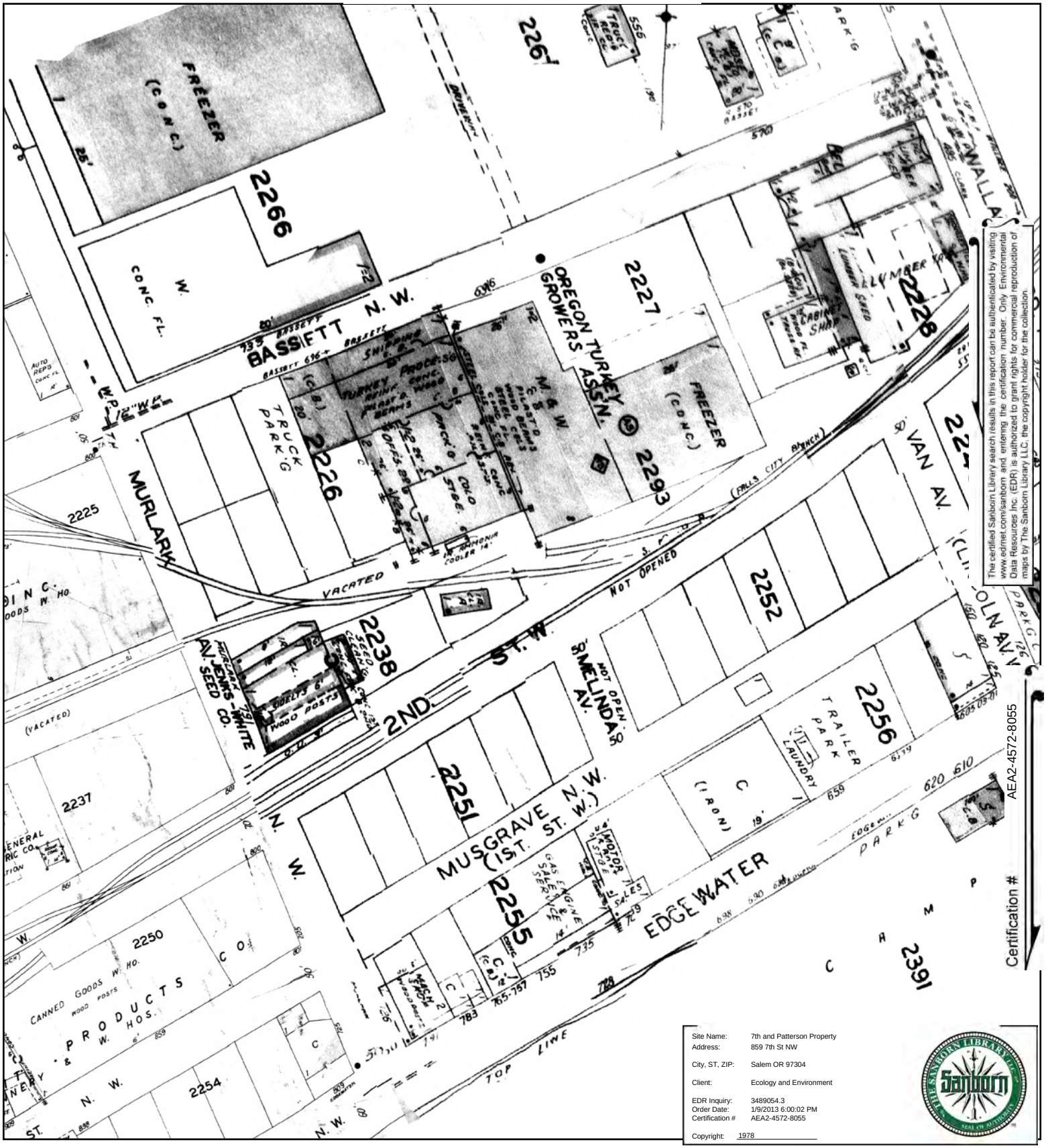
1950 Source Sheets

Volume 2, Sheet 279

1927 Source Sheets

Volume 2, Sheet 280

1978 Certified Sanborn Map



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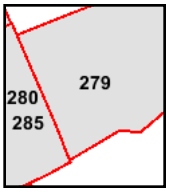

Volume 2, Sheet 280
Volume 2, Sheet 279
Volume 2, Sheet 285

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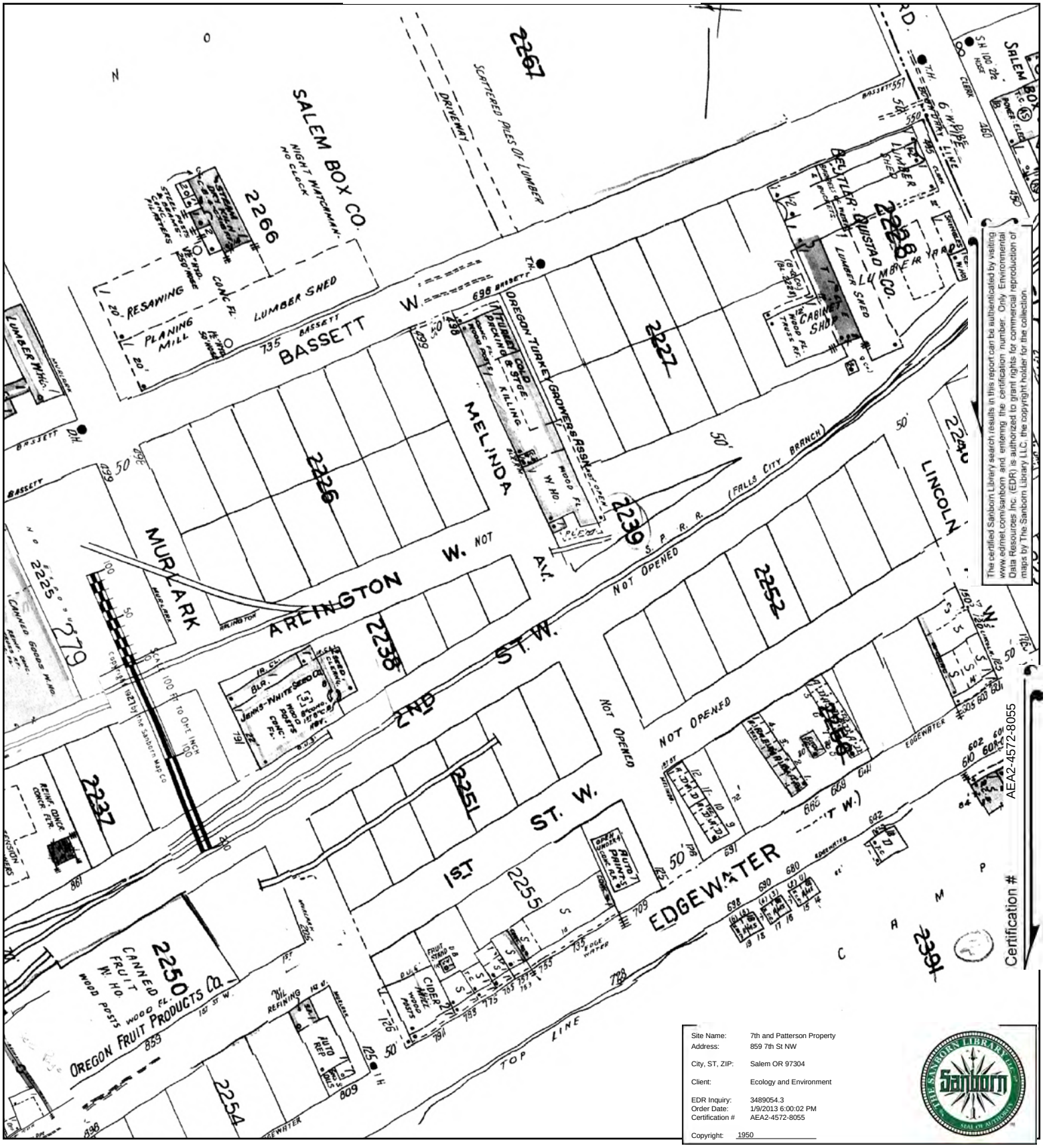
1950 Certified Sanborn Map



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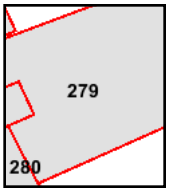

Volume 2, Sheet 279

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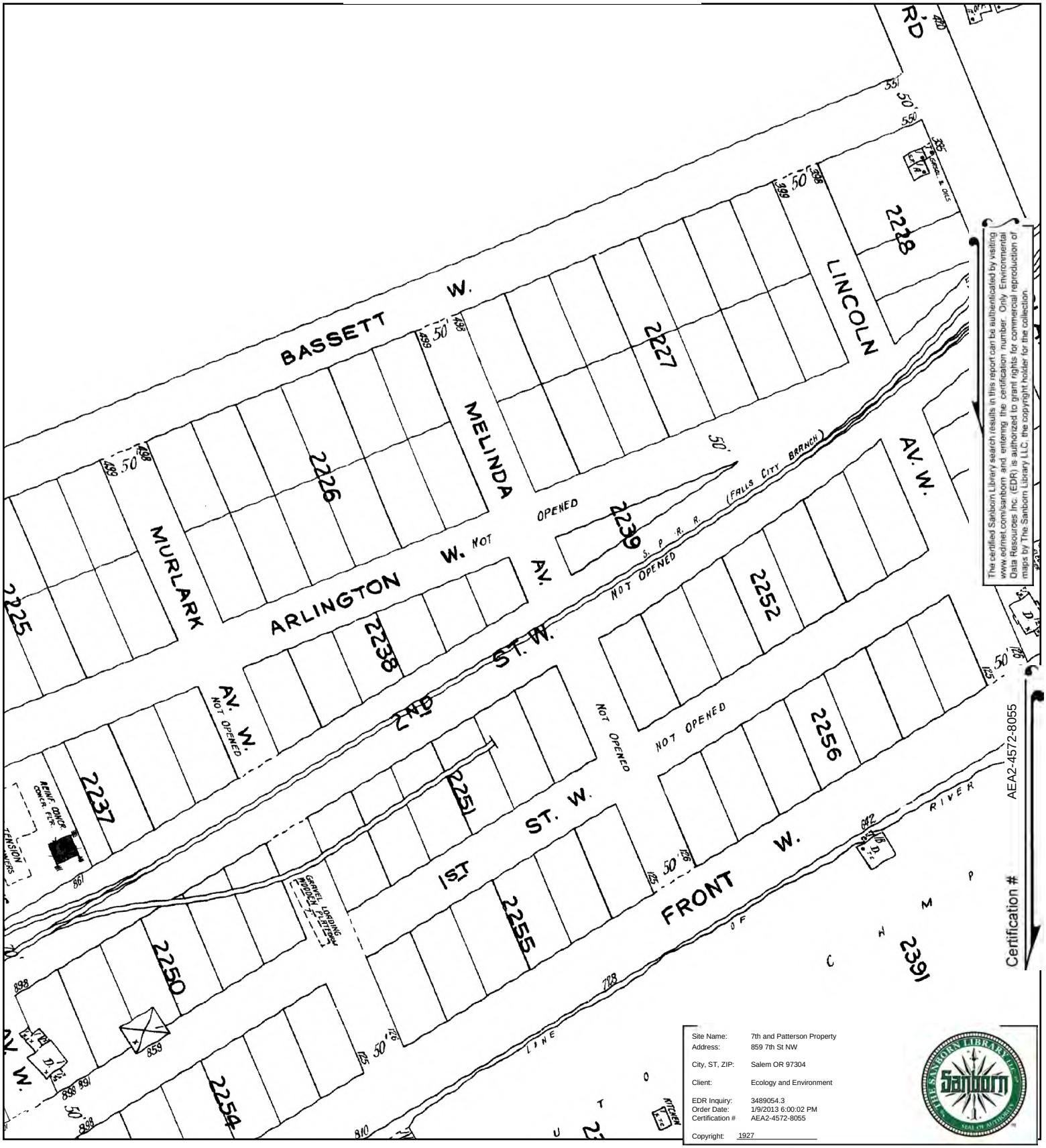
1927 Certified Sanborn Map



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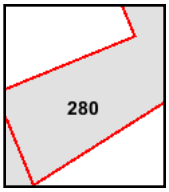

Volume 2, Sheet 280

N

West Salem High
1776 Titan Dr. NW
Salem, OR 97304

Inquiry Number: 3488943.4
January 08, 2013

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EDR® Environmental Data Resources Inc

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Milford, CT 06461
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Date EDR Searched Historical Sources:

Aerial Photography January 08, 2013

Target Property:

1776 Titan Dr. NW

Salem, OR 97304

Year	***Scale***	***Details***	***Source***
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 01, 1954	EDR
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: November 19, 1967	EDR
1970	Aerial Photograph. Scale: 1"=750'	Panel #: 44123-H1, Salem West, OR;/Flight Date: July 08, 1970	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 13, 1975	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 18, 1984	EDR
1987	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 28, 1987	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 44123-H1, Salem West, OR;/Flight Date: June 19, 1994	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: June 19, 1994,July 24, 2000,July 30, 2000	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR

INQUIRY #: 3488943.4
YEAR: 1954
= 500'
N

INQUIRY #: 3488943.4
YEAR: 1967
= 500'
N

INQUIRY #: 3488943.4
YEAR: 1970
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INQUIRY #: 3488943.4
YEAR: 1975
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INQUIRY #: 3488943.4
YEAR: 1984
= 1000'
N

INQUIRY #: 3488943.4
YEAR: 1987
= 500'
N

INQUIRY #: 3488943.4
YEAR: 1994
= 750'
N

INQUIRY #: 3488943.4
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3488943.4
YEAR: 2005
= 500'
N

INQUIRY #: 3488943.4
YEAR: 2006
= 500'
N

West Salem High
1776 Titan Dr. NW
Salem, OR 97304

Inquiry Number: 3488943.3
January 07, 2013

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EDR® Environmental Data Resources Inc

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Milford, CT 06461
800.352.0050
www.edrnet.com

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1/07/13

Site Name:
West Salem High
1776 Titan Dr. NW
Salem, OR 97304

Client Name:
Ecology and Environment
720 Third Ave
Seattle, WA 98104

EDR Inquiry # 3488943.3

Contact: Derek Pulvino

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Certified Sanborn Results:

Site Name: West Salem High
Address: 1776 Titan Dr. NW
City, State, Zip: Salem, OR 97304
Cross Street:
P.O. # EE-002233-0835-01TTO
Project: West Salem High
Certification # 3F38-4A84-8A81

Sanborn® Library search results
Certification # 3F38-4A84-8A81

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Orchard Heights Park
1201 Orchard Heights RD NW
Salem, OR 97304

Inquiry Number: 3497666.5
January 18, 2013

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800.352.0050
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Date EDR Searched Historical Sources:

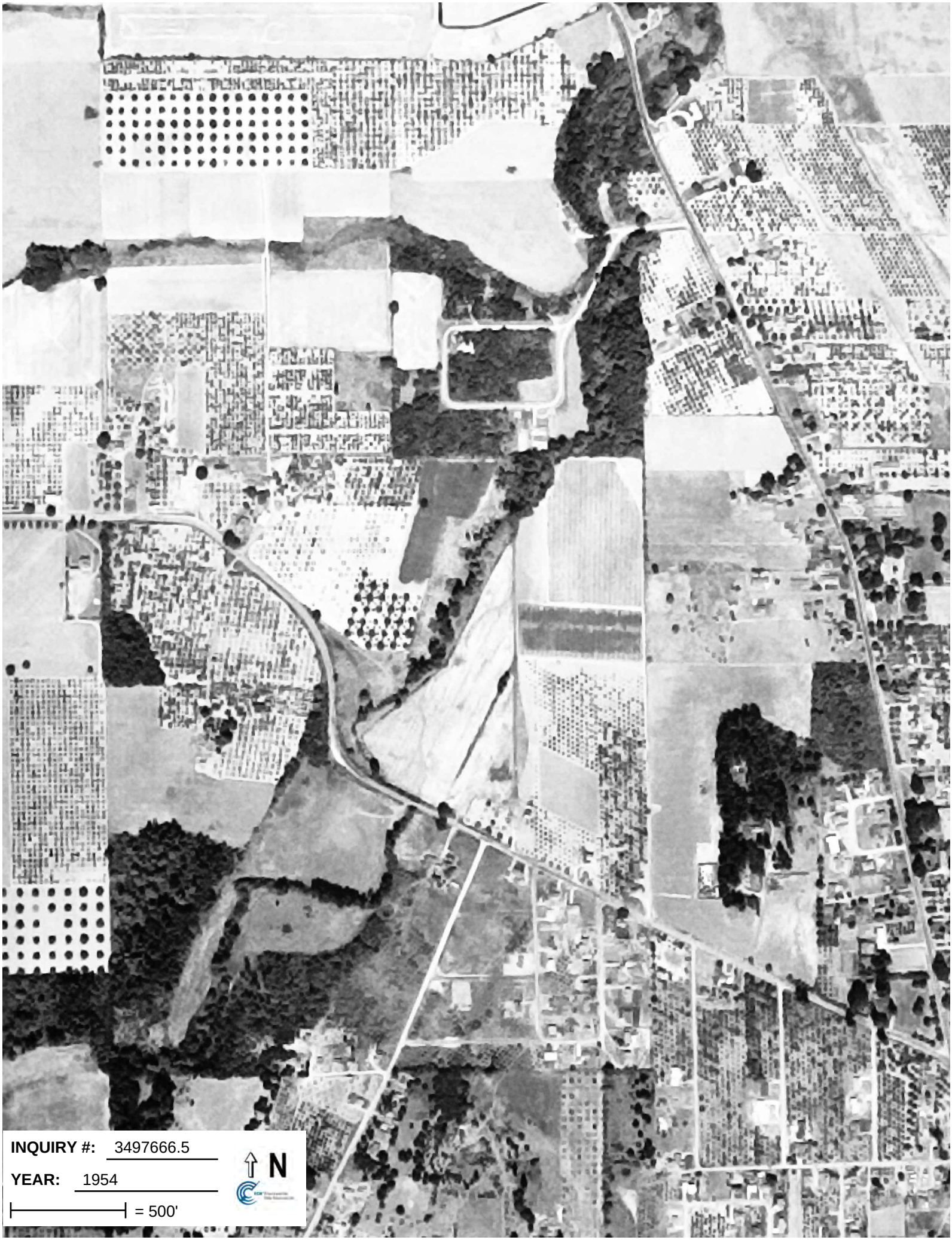
Aerial Photography January 18, 2013

Target Property:

1201 Orchard Heights RD NW

Salem, OR 97304

Year	***Scale***	***Details***	***Source***
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 11, 1954	EDR
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: October 02, 1967	EDR
1970	Aerial Photograph. Scale: 1"=750'	Panel #: 44123-H1, Salem West, OR;/Flight Date: July 05, 1970	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 13, 1975	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 18, 1984	EDR
1987	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 28, 1987	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: May 23, 1994	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: June 19, 1994,May 23, 1994,July 24, 2000,July	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR


INQUIRY #: 3497666.5
YEAR: 1954
= 500'
N

1-6
INQUIRY #: 3497666.5
YEAR: 1967
= 500'
N

INQUIRY #: 3497666.5
YEAR: 1970
= 750'
N

INQUIRY #: 3497666.5
YEAR: 1975
= 1000'
N

INQUIRY #: 3497666.5
YEAR: 1984
= 1000'
N

INQUIRY #: 3497666.5
YEAR: 1987
= 500'
N

INQUIRY #: 3497666.5
YEAR: 1994
= 500'
N

INQUIRY #: 3497666.5
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3497666.5
YEAR: 2005
= 500'
N

INQUIRY #: 3497666.5
YEAR: 2006
= 500'
N

Orchard Heights Park
1201 Orchard Heights RD NW
Salem, OR 97304

Inquiry Number: 3497666.3
January 17, 2013

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Certified Sanborn® Map Report

1/17/13

Site Name:
Orchard Heights Park
1201 Orchard Heights RD NW
Salem, OR 97304

Client Name:
Ecology and Environment
720 Third Ave
Seattle, WA 98104

EDR Inquiry # 3497666.3

Contact: Derek Pulvino

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Certified Sanborn Results:

Site Name: Orchard Heights Park
Address: 1201 Orchard Heights RD NW
City, State, Zip: Salem, OR 97304
Cross Street:
P.O. # 002233-0835-01TTO
Project: Orchard Heights Park
Certification # FC25-4DB0-B1B7

Sanborn® Library search results
Certification # FC25-4DB0-B1B7

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Wallace Marine Park
200 Glen Creek Road NW
Salem, OR 97304

Inquiry Number: 3571084.5
April 09, 2013

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Date EDR Searched Historical Sources:

Aerial Photography April 09, 2013

Target Property:

200 Glen Creek Road NW

Salem, OR 97304

Year	***Scale***	***Details***	***Source***
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 11, 1954	EDR
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 11, 1954	EDR
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: October 02, 1967	EDR
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: October 02, 1967	EDR
1970	Aerial Photograph. Scale: 1"=750'	Panel #: 44123-H1, Salem West, OR;/Flight Date: July 05, 1970	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 13, 1975	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 44123-H1, Salem West, OR;/Flight Date: September 18, 1984	EDR
1987	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Date: August 28, 1987	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 44123-H1, Salem West, OR;/Flight Date: May 23, 1994	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: May 23, 1994,July 24, 2000,July 30, 2000	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: May 23, 1994,July 24, 2000,July 30, 2000	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: May 23, 1994,July 24, 2000,July 30, 2000	EDR
1994,2000	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Composite DOQQ - acquisition dates: May 23, 1994,July 24, 2000,July 30, 2000	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR

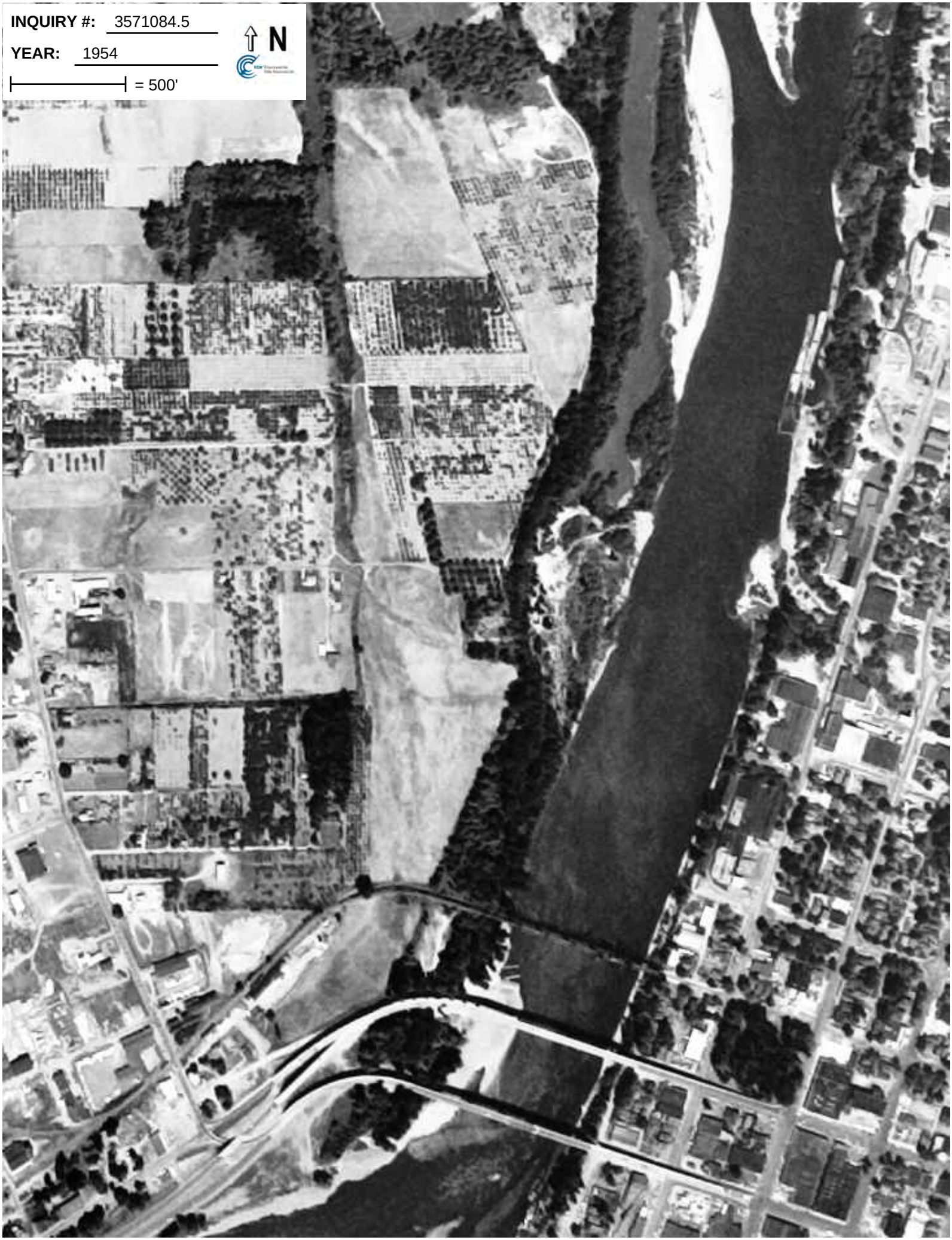
Year	*Scale*	*Details*	*Source*
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2009	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2009	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2009	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2009	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2011	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2011	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2011	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 44123-H1, Salem West, OR;/Flight Year: 2011	EDR

INQUIRY #: 3571084.5
YEAR: 1954
= 500'
N

INQUIRY #: 3571084.5

YEAR: 1954

= 500'



INQUIRY #: 3571084.5
YEAR: 1967
= 500'
N

INQUIRY #: 3571084.5

YEAR: 1967

= 500'

N

INQUIRY #: 3571084.5

YEAR: 1970

= 750'

N

INQUIRY #: 3571084.5

YEAR: 1975

= 1000'

N

INQUIRY #: 3571084.5
YEAR: 1984
= 1000'
N

INQUIRY #: 3571084.5

YEAR: 1987

= 500'

N

INQUIRY #: 3571084.5
YEAR: 1994
= 750'
N

INQUIRY #: 3571084.5
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3571084.5
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3571084.5
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3571084.5
YEAR: 1994,2000 (DOQQ)
= 500'
N

INQUIRY #: 3571084.5
YEAR: 2005
= 500'
N

INQUIRY #: 3571084.5
YEAR: 2005
= 500'
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YEAR: 2005
= 500'
N

INQUIRY #: 3571084.5
YEAR: 2005
= 500'
N

INQUIRY #: 3571084.5
YEAR: 2006
= 500'
N

INQUIRY #: 3571084.5
YEAR: 2006
= 500'
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INQUIRY #: 3571084.5
YEAR: 2006
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INQUIRY #: 3571084.5
YEAR: 2011
= 500'
N

INQUIRY #: 3571084.5
YEAR: 2011
= 500'
N

Wallace Marine Park
200 Glen Creek Road NW
Salem, OR 97304

Inquiry Number: 3571084.3
April 08, 2013

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www.edrnet.com

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4/08/13

Site Name:
Wallace Marine Park
200 Glen Creek Road NW
Salem, OR 97304

EDR Inquiry # 3571084.3

Client Name:
Ecology and Environment
720 Third Ave
Seattle, WA 98104

Contact: Derek Pulvino

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Site Name: Wallace Marine Park
Address: 200 Glen Creek Road NW
City, State, Zip: Salem, OR 97304
Cross Street:
P.O. # S1012826
Project: Wallace Marine Park
Certification # 0FED-4B66-870E

Sanborn® Library search results
Certification # 0FED-4B66-870E

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- ✔ Library of Congress
- ✔ University Publications of America
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Walker Middle School
1075 8th ST NW
Salem, OR 97304

Inquiry Number: 3484172.2s
December 27, 2012

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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

1075 8TH ST NW
SALEM, OR 97304

COORDINATES

Latitude (North):	44.9471000 - 44˚ 56' 49.56''
Longitude (West):	123.0590000 - 123˚ 3' 32.40''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	495345.5
UTM Y (Meters):	4976858.5
Elevation:	150 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
1075 8TH ST NW 1075 8TH ST NW SALEM, OR 97304	LUST Cleanup Complete: 01/29/2001 OR HAZMAT HSIS	N/A
SCHOOL - WALKER MIDDLE 1075 8TH ST NW SALEM, OR 97304	FINDS	N/A

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:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

SWF/LF ..... Solid Waste Facilities List

State and tribal leaking storage tank lists

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

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF..... Old Closed SW Disposal Sites
SWRCY..... Recycling Facility Location Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
AOCONCERN..... Columbia Slough
CDL..... Uninhabitable Drug Lab Properties
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spill Database

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System

EXECUTIVE SUMMARY

TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
UIC	Underground Injection Control Program Database
NPDES	Wastewater Permits Database
AIRS	Oregon Title V Facility Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PRP	Potentially Responsible Parties
EPA WATCH LIST	EPA WATCH LIST
Financial Assurance	Financial Assurance Information Listing
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US FIN ASSUR	Financial Assurance Information
2020 COR ACTION	2020 Corrective Action Program List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH	Coal Ash Disposal Sites Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-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 12/28/2011 has revealed that there is

EXECUTIVE SUMMARY

1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER CHROME SHOP - EDGEWATER	940 EDGEWATER STREET	SE 1/4 - 1/2 (0.400 mi.)	L66	127

Federal RCRA generators list

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAYTON MANUFACTURING CO., INC	672 MURLARK AVE NW	E 1/8 - 1/4 (0.157 mi.)	C21	55
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***E 1/8 - 1/4 (0.164 mi.)***	***23***	***57***
MURLARK PROPERTIES LLC	***556 MURLARK ST NW***	***ESE 1/8 - 1/4 (0.230 mi.)***	***D30***	***71***

State- and tribal - equivalent CERCLIS

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 08/20/2012 has revealed that there is 1 OR CRL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***ESE 0 - 1/8 (0.114 mi.)***	***11***	***22***

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 ECSI list, as provided by EDR, and dated 10/01/2012 has revealed that there are 12 ECSI sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROBERSON MOTORS SITE (OLD)	***435 COMMERCIAL ST NE***	***ESE 1/2 - 1 (0.955 mi.)***	***81***	***136***
FIRST BAPTIST CHURCH OF SALEM	510 COMMERCIAL STREET N	E 1/2 - 1 (0.964 mi.)	82	141
BOISE CASCADE - MINTO ISLAND	***315 COMMERCIAL STREET***	***SE 1/2 - 1 (0.969 mi.)***	***83***	***143***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***ESE 0 - 1/8 (0.114 mi.)***	***11***	***22***
AGRIPAC INC PLT 5	***556 MURLARK AVE NW***	***ESE 1/8 - 1/4 (0.230 mi.)***	***D31***	***73***
Not reported	***325 PATTERSON ST NW***	***SE 1/8 - 1/4 (0.240 mi.)***	***34***	***81***
CIRCUIT WORLD INC.	***585 9TH ST NW***	***ENE 1/4 - 1/2 (0.263 mi.)***	***35***	***84***
Not reported	***845 BASSETT ST NW***	***ESE 1/4 - 1/2 (0.263 mi.)***	***36***	***88***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTGATE CLEANERS	***697 WALLACE RD. NW***	***ENE 1/4 - 1/2 (0.315 mi.)***	***F47***	***98***
OREGON FRUIT PRODUCTS LLC	***150 PATTERSON ST NW***	***SE 1/4 - 1/2 (0.368 mi.)***	***L61***	***112***
CHROME SHOP - EDGEWATER ST. (F	940 EDGEWATER ST. NW	SE 1/4 - 1/2 (0.400 mi.)	L65	123
SALEM TENT AND AWNING	***280 WALLACE RD. NW***	***ESE 1/4 - 1/2 (0.427 mi.)***	***71***	***129***

State and tribal leaking storage tank lists

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 07/01/2012 has revealed that there are 58 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK Cleanup Complete: 07/13/2000	1225 WESTWOOD DR NW	NW 0 - 1/8 (0.009 mi.)	3	17
HEATING OIL TANK	1080 LAVONA DRIVE NW	NNW 0 - 1/8 (0.055 mi.)	B5	21
HEATING OIL TANK Cleanup Complete: 02/15/2007	1075 LAVONA DR NW	N 0 - 1/8 (0.055 mi.)	B6	21
HEATING OIL TANK Cleanup Complete: 02/21/2007	1085 LAVONA DR NW	NNW 0 - 1/8 (0.057 mi.)	B7	21
HEATING OIL TANK	775 GERTH STREET NW	SW 0 - 1/8 (0.062 mi.)	8	21
HEATING OIL TANK Cleanup Complete: 08/26/2010	1045 PALI DR NW	NNW 0 - 1/8 (0.064 mi.)	9	22
HEATING OIL TANK Cleanup Complete: 12/04/1996	1050 CASCADE DR NW	WNW 0 - 1/8 (0.090 mi.)	10	22
HEATING OIL TANK Cleanup Complete: 03/27/2001	1079 CASCADE DR NW	WNW 1/8 - 1/4 (0.138 mi.)	14	42
HEATING OIL TANK Cleanup Complete: 05/14/2007	1025 TERRACE DR NW	W 1/8 - 1/4 (0.143 mi.)	16	47
HEATING OIL TANK Cleanup Complete: 07/10/2003	951 CASCADE DRIVE NW	W 1/8 - 1/4 (0.156 mi.)	17	48
HEATING OIL TANK Cleanup Complete: 10/28/2011	770 GLEN CREEK RD NW	NE 1/8 - 1/4 (0.164 mi.)	22	57
HEATING OIL TANK Cleanup Complete: 09/12/2007	1165 BELAIRE DR NW	NNE 1/8 - 1/4 (0.192 mi.)	24	69
HEATING OIL TANK Cleanup Complete: 01/31/1996	945 HILLTOP DRIVE	NNE 1/8 - 1/4 (0.197 mi.)	25	69
HEATING OIL TANK Cleanup Complete: 04/21/2000	963 PARKWAY NW	W 1/8 - 1/4 (0.203 mi.)	26	70
HEATING OIL TANK Cleanup Complete: 03/17/2000	914 TERRACE DRIVE NW	W 1/8 - 1/4 (0.216 mi.)	27	70
HEATING OIL TANK Cleanup Complete: 12/05/2006	1120 PARKWAY DR NW	NW 1/8 - 1/4 (0.223 mi.)	28	70
HEATING OIL TANK	876 PIEDMONT AVE NW	WSW 1/8 - 1/4 (0.234 mi.)	33	81
HEATING OIL TANK Cleanup Complete: 08/31/2000	1557 URBAN LN NW	W 1/4 - 1/2 (0.266 mi.)	E37	95

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK	1556 URBAN LANE NW	W 1/4 - 1/2 (0.266 mi.)	E38	96
HEATING OIL TANK	1360 FRANKLIN ST NW	SSW 1/4 - 1/2 (0.277 mi.)	39	96
Cleanup Complete: 02/20/2002				
MIKE'S SEPTIC SERVICE INC	***560 GLEN CREEK ROAD NW***	***NE 1/4 - 1/2 (0.287 mi.)***	***G41***	***96***
HEATING OIL TANK	994 KINGWOOD DRIVE NW	WNW 1/4 - 1/2 (0.297 mi.)	42	97
Cleanup Complete: 06/06/2007				
HEATING OIL TANK	1270 VALLEY VIEW NW	NNE 1/4 - 1/2 (0.307 mi.)	44	97
Cleanup Complete: 01/03/2000				
HEATING OIL TANK	845 RUMSEY NW	W 1/4 - 1/2 (0.308 mi.)	H45	98
Cleanup Complete: 11/08/1994				
HEATING OIL TANK	1045 CRESCENT DR NW	WNW 1/4 - 1/2 (0.309 mi.)	I46	98
Cleanup Complete: 04/03/2002				
HEATING OIL TANK	1575 BONNIE WAY NW	W 1/4 - 1/2 (0.326 mi.)	H49	108
HEATING OIL TANK	1710 GLEN CREEK RD NW	WNW 1/4 - 1/2 (0.327 mi.)	I51	109
Cleanup Complete: 02/14/2007				
HEATING OIL TANK	1585 BONNIE WAY NW	W 1/4 - 1/2 (0.334 mi.)	H53	109
Cleanup Complete: 06/21/2007				
HEATING OIL TANK	1185 LIPINE LAND NW	N 1/4 - 1/2 (0.340 mi.)	K54	110
HEATING OIL TANK	1725 SUMMIT AVE NW	W 1/4 - 1/2 (0.347 mi.)	55	110
Cleanup Complete: 03/18/2002				
HEATING OIL TANK	1165 LARKSPUR LN NW	N 1/4 - 1/2 (0.363 mi.)	K57	110
Cleanup Complete: 04/10/2008				
HEATING OIL TANK	1315 WEST WAY NW	N 1/4 - 1/2 (0.364 mi.)	K58	111
HEATING OIL TANK	774 CASCADE DRIVE NW	WSW 1/4 - 1/2 (0.397 mi.)	63	122
Cleanup Complete: 06/16/2009				
HEATING OIL TANK	865 KINGWOOD DRIVE WEST	W 1/4 - 1/2 (0.399 mi.)	M64	122
WEST SALEM CLINIC	***1025 EDGEWATER STREET N***	***SSE 1/4 - 1/2 (0.401 mi.)***	***67***	***127***
HEATING OIL TANK	791 ORCHARD HEIGHTS RD	NNE 1/4 - 1/2 (0.404 mi.)	68	128
Cleanup Complete: 12/06/2000				
Not reported	***855 KINGWOOD DR NW***	***W 1/4 - 1/2 (0.413 mi.)***	***M69***	***128***
Cleanup Complete: 12/30/1994				
EDGEWATER AUTOMOTIVE	***1191 EDGEWATER ST NW***	***S 1/4 - 1/2 (0.424 mi.)***	***N70***	***129***
OFFICE BUILDING (REAR)	***1223 EDGEWATER ST NW***	***S 1/4 - 1/2 (0.437 mi.)***	***N72***	***134***
Cleanup Complete: 11/07/2003				
HEATING OIL TANK	1370 NW PARKWAY DR	NNW 1/4 - 1/2 (0.444 mi.)	73	134
HEATING OIL TANK	691 RIVERVIEW DR NW	WSW 1/4 - 1/2 (0.480 mi.)	74	134
Cleanup Complete: 12/14/2009				
HEATING OIL TANK	741 KINGWOOD DR NW	WSW 1/4 - 1/2 (0.484 mi.)	75	135
Cleanup Complete: 08/07/2001				
HEATING OIL TANK	578 CASCADE DRIVE NW	SW 1/4 - 1/2 (0.485 mi.)	76	135
Cleanup Complete: 05/11/2010				
HEATING OIL TANK	902 WINDEMERE DR NW	W 1/4 - 1/2 (0.489 mi.)	O77	135
Cleanup Complete: 05/20/2002				
HEATING OIL TANK	1902 SUMMIT AVE NW	W 1/4 - 1/2 (0.489 mi.)	O78	135
Cleanup Complete: 04/11/2005				
HEATING OIL TANK	671 NW KINGWOOD DR	WSW 1/4 - 1/2 (0.500 mi.)	79	136
Cleanup Complete: 08/20/2004				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HANARD MACHINE	***859 7TH STREET NW***	***ENE 1/8 - 1/4 (0.134 mi.)***	***C12***	***35***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST SALEM MACHINERY CO Cleanup Complete: 06/04/2010	***665 MURLARK AVE NW***	***E 1/8 - 1/4 (0.164 mi.)***	***23***	***57***
SALEM ELECTRIC Cleanup Complete: 11/16/1990	633 SEVENTH ST NW	ENE 1/4 - 1/2 (0.283 mi.)	F40	96
OREGON TURKEY GROWERS	740 BASSETT ST NW	ESE 1/4 - 1/2 (0.298 mi.)	43	97
BOB'S BURGERS (FORMER) Cleanup Complete: 06/21/2011	710 WALLACE RD NW	ENE 1/4 - 1/2 (0.320 mi.)	48	108
WALLACE SHELL Cleanup Complete: 02/17/2011	***585 WALLACE RD NW***	***E 1/4 - 1/2 (0.327 mi.)***	***J50***	***108***
RITCHIE CHEVRON	***1115 WALLACE RD NW***	***ENE 1/4 - 1/2 (0.332 mi.)***	***G52***	***109***
MENNIS OIL COMPANY Cleanup Complete: 10/31/2008	475 TAGGART DR NW / 600	E 1/4 - 1/2 (0.348 mi.)	J56	110
SHELL - 509 Cleanup Complete: 05/24/2010	***545 WALLACE RD NW***	***E 1/4 - 1/2 (0.365 mi.)***	***59***	***111***
OREGON FRUIT PRODUCTS INC Cleanup Complete: 04/27/1999	***150 PATTERSON ST NW***	***SE 1/4 - 1/2 (0.368 mi.)***	***L60***	***111***
BATTING CAGES Cleanup Complete: 05/01/2007	675 BARTELL DR NW	E 1/4 - 1/2 (0.379 mi.)	62	122
SALEM TENT AND AWNING	***280 WALLACE RD. NW***	***ESE 1/4 - 1/2 (0.427 mi.)***	***71***	***129***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's UST List on Disk.

A review of the UST list, as provided by EDR, and dated 07/01/2012 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***ESE 0 - 1/8 (0.114 mi.)***	***11***	***22***
WELLIVER WELDING WORKS INC	672 MURLARK AVE NW	E 1/8 - 1/4 (0.157 mi.)	C20	55
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***E 1/8 - 1/4 (0.164 mi.)***	***23***	***57***
AGRIPAC INC PLANT #5	556 MURLARK AVE NW	ESE 1/8 - 1/4 (0.230 mi.)	D29	70

AST: The Aboveground Storage Tank database contains registered ASTs. The data comes from the list of ASTs reported to the Office of State Fire Marshal.

A review of the AST list, as provided by EDR, and dated 03/01/2012 has revealed that there are 5 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RAM STEELCO INC	***992 NW 7TH ST***	***E 0 - 1/8 (0.048 mi.)***	***4***	***17***
HANARD MACHINE INC	***795 NW 9TH ST***	***ENE 1/8 - 1/4 (0.142 mi.)***	***15***	***42***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAYTON MANUFACTURING CO	***672 NW MURLARK AVE***	***E 1/8 - 1/4 (0.157 mi.)***	***C18***	***48***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST SALEM MACHINERY CO	*665 MURLARK AVE NW*	*E 1/8 - 1/4 (0.164 mi.)*	*23*	*57*
AGRIPAC INC PLT 5	*556 MURLARK AVE NW*	*ESE 1/8 - 1/4 (0.230 mi.)*	*D31*	*73*

State and tribal institutional control / engineering control registries

ENG CONTROLS: 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.

A review of the ENG CONTROLS list, as provided by EDR, and dated 10/01/2012 has revealed that there is 1 ENG CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTGATE CLEANERS	*697 WALLACE RD. NW*	*ENE 1/4 - 1/2 (0.315 mi.)*	*F47*	*98*

INST CONTROL: Sites with Engineering or Institutional Controls.

A review of the INST CONTROL list, as provided by EDR, and dated 10/01/2012 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	*576 PATTERSON AVE*	*ESE 0 - 1/8 (0.114 mi.)*	*11*	*22*

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 10/22/2012 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	*576 PATTERSON AVE*	*ESE 0 - 1/8 (0.114 mi.)*	*11*	*22*
Not reported	*845 BASSETT ST NW*	*ESE 1/4 - 1/2 (0.263 mi.)*	*36*	*88*
OREGON FRUIT PRODUCTS LLC	*150 PATTERSON ST NW*	*SE 1/4 - 1/2 (0.368 mi.)*	*L61*	*112*

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting

the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 09/11/2012 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***ESE 0 - 1/8 (0.114 mi.)***	***11***	***22***
ASTEN DRYER FABRICS INC	***859 7TH ST NW***	***ENE 1/8 - 1/4 (0.134 mi.)***	***C13***	***40***
WELLIVER METAL PRODUCTS CORP	***672 MURLARK AVE NW***	***E 1/8 - 1/4 (0.157 mi.)***	***C19***	***53***

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2010 has revealed that there are 2 MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAYTON MANUFACTURING CO	***672 NW MURLARK AVE***	***E 1/8 - 1/4 (0.157 mi.)***	***C18***	***48***
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***E 1/8 - 1/4 (0.164 mi.)***	***23***	***57***

DRYCLEANERS: A listing of registered drycleaning facilities in Oregon.

A review of the DRYCLEANERS list, as provided by EDR, and dated 02/06/2012 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTGATE CLEANERS	590 TAGGART DR NW STE 1	ENE 1/8 - 1/4 (0.231 mi.)	32	80

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

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

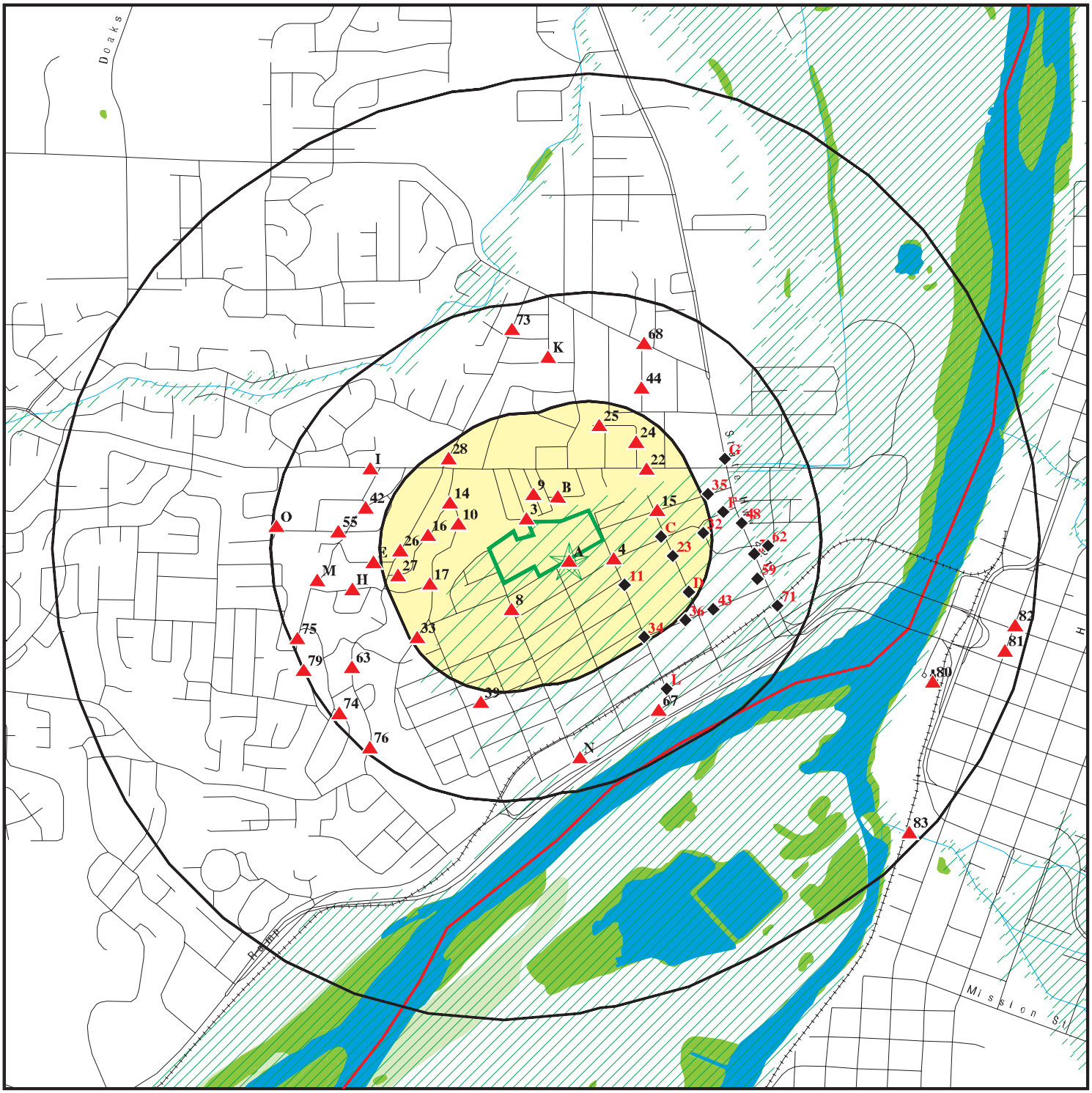
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALEM GAS MANUFACTURING SITE	CHEMEKETA AND WATER STR	ESE 1/2 - 1 (0.822 mi.)	80	136

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 19 records.

Site Name	Database(s)
SALEM AIRPORT DISPOSAL SITE	FINDS, SWF/LF, Financial Assurance
SALEM AIRPORT CRASH FIRE TRAINING	FINDS, ECSI
MILL CREEK DISTRICT PROPERTY, PARC	ECSI
MILL CREEK DISTRICT PROPERTY, PARC	ECSI
MILL CREEK DISTRICT PROPERTY, PARC	VCP, ECSI
SALEM RIVERFRONT PARK PROJECT	FINDS, OR CRL, ENG CONTROLS, INST CONTROL, VCP, BROWNFIELDS, ECSI
PICTSWEET PROPERTIES (FORMER)	VCP, ECSI
SALEM LANDFILL	ECSI
LINDBECK FARM (FORMER)	VCP, ECSI
BPA	AST, HSIS
DERMAC LABS INC	AST, HSIS
JLPN INC	AST, HSIS
VERIZON BUSINESS	AST, HSIS
KINNS, JIM	LUST
HEATING OIL TANK	LUST
CAPITAL MANOR INC	RCRA-CESQG, FINDS
CENTER STREET SCHOOL	FINDS
SCHOOL FOR THE BLIND	NPDES
ABIQUA SCHOOL	NPDES

OVERVIEW MAP - 3484172.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

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: Walker Middle School	CLIENT: Ecology and Environment
ADDRESS: 1075 8th ST NW	CONTACT: Derek Pulvino
Salem OR 97304	INQUIRY #: 3484172.2s
LAT/LONG: 44.9471 / 123.059	DATE: December 27, 2012 5:35 pm

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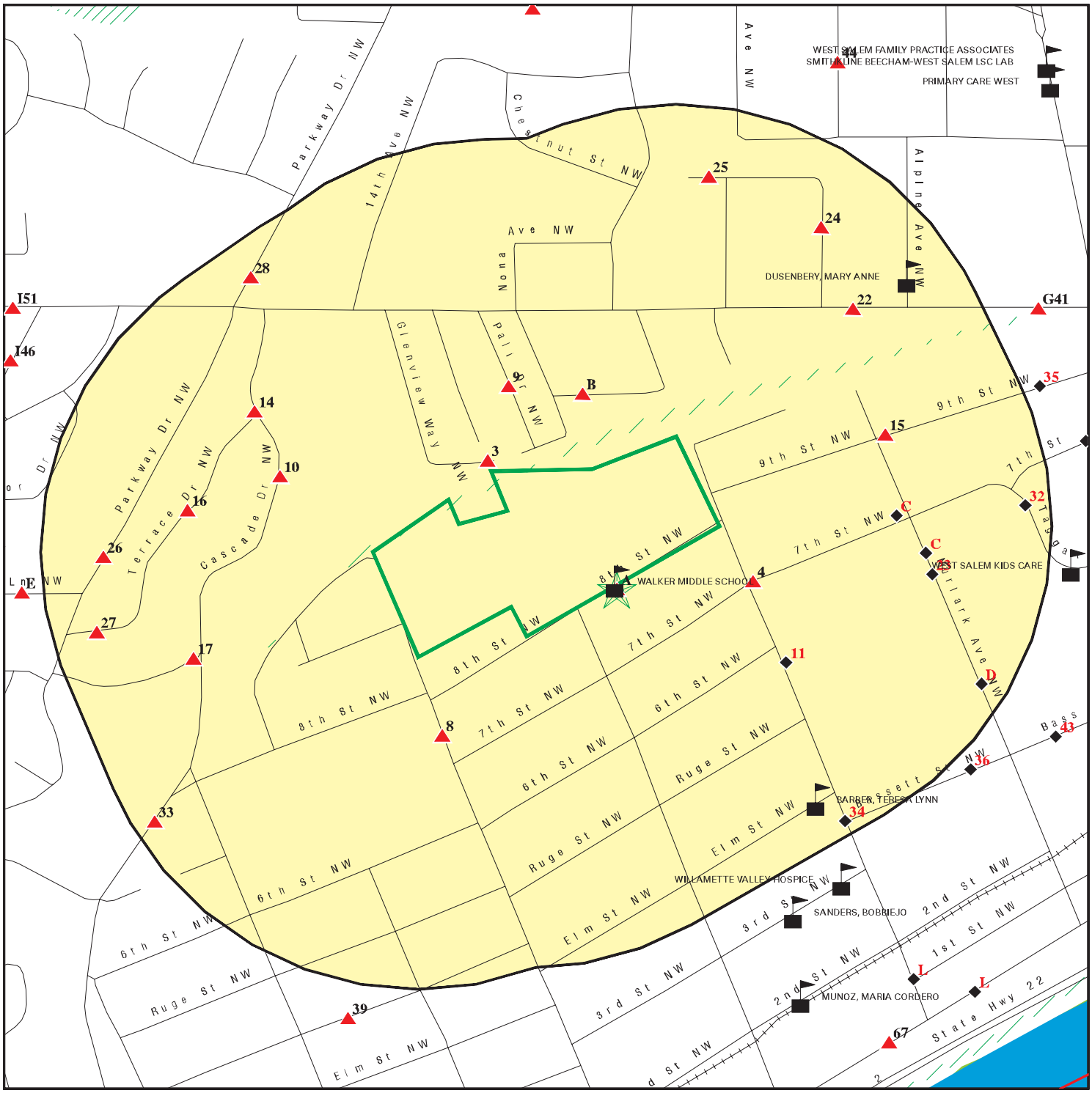
DETAIL MAP - 3484172.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

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: Walker Middle School	CLIENT: Ecology and Environment
ADDRESS: 1075 8th ST NW Salem OR 97304	CONTACT: Derek Pulvino
LAT/LONG: 44.9471 / 123.059	INQUIRY #: 3484172.2s
	DATE: December 27, 2012 5:35 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	3	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
OR CRL	1.000		1	0	0	0	NR	1
ECSI	1.000		1	2	6	3	NR	12
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	1	7	12	39	NR	NR	59
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	3	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		1	4	NR	NR	NR	5
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	1	NR	NR	1
INST CONTROL	0.500		1	0	0	NR	NR	1
State and tribal voluntary cleanup sites								
VCP	0.500		1	0	2	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		1	2	NR	NR	NR	3
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	2	NR	NR	NR	2
OR HAZMAT	TP	1	NR	NR	NR	NR	NR	1
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HSIS	TP	1	NR	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property

1075 8TH ST NW
SALEM, OR 97304

LUST **S105523204**
OR HAZMAT **N/A**
HSIS

Site 1 of 2 in cluster A

Actual: 150 ft.

LUST:

Region:	Western Region
Facility ID:	24-00-5387
Cleanup Received Date:	07/20/2000
Cleanup Start Date:	07/19/2000
Cleanup Complete Date:	**01/29/2001**

HAZMAT:

Responsble Party:	Not reported
RP Company:	CITY OF SALEM PARKS & REC
RP Address:	555 LIBERTY ST SE
RP City,St,Zip:	SALEM, OR 97301
Facility ID:	860187
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	860187
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FIRE MARSHAL
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	07/08/1986
Call Time:	6:07:00 PM
In Route:	12:00:00 AM
Arrival:	6:12:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM

(Continued) **S105523204**

In Service:	7:12:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	Not reported
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Public Structure
Area Type:	Residential
Responsible Party(Ies):	Not reported
Company:	CITY OF SALEM PARKS & REC
Respcontact:	Not reported
Address:	555 LIBERTY ST SE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97301
Phone:	5035886261
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Not reported
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	4892
Chemical Id:	35430
Incident Id:	860187
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

(Continued) **S105523204**

Method:
Method Used Id: 2846
Incident Id: 860187
Identity Method: 3

Method Used Id: 3922
Incident Id: 860187
Identity Method: 5

Released:
Release Behavior Id: 768
Incident Id: 860187
Behavior: 1

Release Behavior Id: 3306
Incident Id: 860187
Behavior: 4

Narrative:
Narrative Id: 1874
Incident Id: 860187
Incident Narrative: CHLORINE CYLINDER AT WALKER PUBLIC SWIMMING POOL DEVELOPED LEAK AT VALVE CONTROL STEM. NOTIFIED PENWALT CORP AND PROBLEM WAS ABATED. CYLINDER WAS SHUT-OFF AND PLACED OUT OF SERVICE UNTIL REPAIRS ARE MADE. IT APPEARS THAT A VIBRATION CREATED BY TURNING THE CYLINDER ON AND OFF ALLOWED LOOSENING OF CONTROL STEM LOCKING DEVICE. RECOMMENDATION SUPPLIED TO INSTALL PROPER CYLINDER HOLD-DOWN COLLAR TO PREVENT VIBRATION. SECOND INCIDENT AT THIS LOCATION IN LESS THAN ONE MONTH FOR SIMILAR PROBLEM.
Incident Date: 7/8/1986

Responsble Party:	ROBB GRAMZOW-MGR
RP Company:	WALKER POOL-CITY SAL
RP Address:	555 LIBERTY ST SE
RP City,St,Zip:	SALEM, OR 97301
Facility ID:	940277
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported

(Continued) **S105523204**

Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	0005886245
Osfm Incident Report Number:	940277
Dept. Responding:	SALEM FD
Person Making Report:	BOB SNEE
Title:	CAPT
Agency:	SALEM FD
Phone:	0005886245
Date Of Incident:	06/23/1994
Call Time:	10:15:00 AM
In Route:	12:00:00 AM
Arrival:	10:21:00 AM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	11:13:00 AM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	94-05548
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Public Structure
Area Type:	Residential
Responsible Party(Ies):	ROBB GRAMZOW-MGR
Company:	WALKER POOL-CITY SAL
Respcontact:	Not reported
Address:	555 LIBERTY ST SE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97301
Phone:	0005886261
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	False
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

OR HAZMAT:

Casualties Id:	785
Incident Id:	940277
Casualties Type:	2
Injury Exp:	0

(Continued) **S105523204**

Injury Other: 1
Death Exp: 0
Death Other: 0
Hopitalized: 0

Chemical:
Chemical Info: 7000
Chemical Id: 35430
Incident Id: 940277
Chemical Name: UNKNOWN CHEMICAL
UNNA: Not reported
Amount At Risk: 0
Amount Released: 0
Amount Measured: 0
Biological: False
Radiological: False

Chemical Id: 35430
Chemical Name: UNKNOWN CHEMICAL
Hazardous Ingredient: UNKNOWN CHEMICAL
Hazardous Class 1: 9.0
Hazardous Class 2: Not reported
Hazardous Rank: 2
Case Number: Not reported
UNNA Number: Not reported
EPA Pest Reg: Not reported
EHA Chem: Not reported
PSM Chem: Not reported
CAA 112R Chem: Not reported

Method:
Method Used Id: 5434
Incident Id: 940277
Identity Method: 5

Narrative:
Narrative Id: 4846
Incident Id: 940277
Incident Narrative: SFD RESPONDED TO REPORT OF CHLORINE LEAK AT SALEM MUNICIPLE POOL. MANAGER REPORTED THAT THE EXCESS PRESSURE BLEE-OFF VALVE RELEASED SOME MATERIAL INTO ATMOSPHERE REMAINDER BACK INTO SYSTEM. AMOUNT LOST NEGLIGIBLE. TERRY TUCKER (CITY EMPLOYEE) ATTEMPTED T
Incident Date: 6/23/1994

HSIS:
Facility Id: 022428
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: PUBLIC WORKS
Facility Has Written Emergency Plan: Not reported
Contains 112R: Not reported
NAICS Code 1: 921190
NAICS Desc 1: OTHER GENERAL GOVERNMENT SUPPORT
NAICS Code 2: 713940
NAICS Desc 2: FITNESS AND RECREATIONAL SPORTS CENTERS

(Continued) **S105523204**

Manager Name:	BECKY GEORGE
Business Phone:	5035886211
Mailing Address:	555 LIBERTY ST SE RM 325
Mailing City,St,Zip:	SALEM, OR 97301
No. of Employees:	6
Day Phone:	5035886211
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	BECKY GEORGE
Emergency Procedure:	Not reported
Business Type:	MUNICIPAL SWIMMING POOL

Facility:

Facility Id:	022428
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM BICARBONATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	144558
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

(Continued) **S105523204**

Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: No	

Facility Id:	022428
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM PEROXYMONOSULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	10058238
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	

(Continued) **S105523204**

Pesticide: No
Contains 313: No

Facility Id:	022428
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	DIATOMACEOUS EARTH
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	61790532
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

Facility Id: 022428

(Continued) **S105523204**

Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CALCIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	2880
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.3

Chemical:

United Nations/north America 4 Digit Class Number:	2880
Chemical Abstract Service Identifier Number:	7778543
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.3
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	748-295
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	Yes
Contains 313:	No

Facility Id:	022428
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	03
Applicable Unit Of Measure Code:	2

(Continued) **S105523204**

Description Of The Unit Of Measure:	GALLONS
Type Code:	G
Description:	CARBOY
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	Yes
Fertilizer:	No
Pesticide:	No
Contains 313:	No

A2 **SCHOOL - WALKER MIDDLE** **FINDS** **1007260650**
Target **1075 8TH ST NW** **N/A**
Property **SALEM, OR 97304**

Site 2 of 2 in cluster A

Actual:
150 ft.

FINDS:

Registry ID: 110017338763

SCHOOL - WALKER MIDDLE (Continued) **1007260650**

Environmental Interest/Information System

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.

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

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

3
NW
< 1/8
0.009 mi.
45 ft.

HEATING OIL TANK **LUST** **S104658809**
1225 WESTWOOD DR NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
223 ft.

LUST:

Region:	Western Region
Facility ID:	27-00-4088
Cleanup Received Date:	05/19/2000
Cleanup Start Date:	05/19/2000
Cleanup Complete Date:	**07/13/2000**

4
East
< 1/8
0.048 mi.
256 ft.

RAM STEELCO INC **AST** **S106899841**
992 NW 7TH ST **HSIS** **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
150 ft.

AST:

Facility Id:	022049
Hazardous Substance:	OXYGEN LIQUID
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	022049
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	W SALEM MACHINERY CO
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	423510
NAICS Desc 1:	METAL SERVICE CENTERS AND OTHER METAL MERCHANT WHOLESALERS
NAICS Code 2:	000000
NAICS Desc 2:	Not reported

RAM STEELCO INC (Continued) **S106899841**

Manager Name:	MARK LYMAN PRESIDENT
Business Phone:	5035881311
Mailing Address:	PO BOX 5288
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	15
Day Phone:	5035881311
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	GREG LANG
Emergency Procedure:	Not reported
Business Type:	STEEL WHSE

Facility:

Facility Id:	022049
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

RAM STEELCO INC (Continued) **S106899841**

Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	022049
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	CRYOGENIC CONDITIONS
Temperature of The Hazardous Substance Code:	7
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1073
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	6.3

Chemical:

United Nations/north America 4 Digit Class Number:	1073
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	6.3
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No

RAM STEELCO INC (Continued) **S106899841**

Pesticide: No
Contains 313: No

Facility Id:	022049
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	S
Description:	DEWAR
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	NITROGEN
United Nations/north America 4 Digit Class Number:	1977
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1977
Chemical Abstract Service Identifier Number:	7727379
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

B5
NNW
< 1/8
0.055 mi.
291 ft.

HEATING OIL TANK
1080 LAVONA DRIVE NW
SALEM, OR 97304

Site 1 of 3 in cluster B

LUST **S102778839**
N/A

Relative:
Higher

Actual:
228 ft.

LUST:
Region: Western Region
Facility ID: 27-97-4121
Cleanup Received Date: 08/01/1997
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

B6
North
< 1/8
0.055 mi.
293 ft.

HEATING OIL TANK
1075 LAVONA DR NW
SALEM, OR 97304

Site 2 of 3 in cluster B

LUST **S108572907**
N/A

Relative:
Higher

Actual:
229 ft.

LUST:
Region: Western Region
Facility ID: 27-06-1924
Cleanup Received Date: 10/31/2006
Cleanup Start Date: Not reported
Cleanup Complete Date: 02/15/2007

B7
NNW
< 1/8
0.057 mi.
301 ft.

HEATING OIL TANK
1085 LAVONA DR NW
SALEM, OR 97304

Site 3 of 3 in cluster B

LUST **S108572985**
N/A

Relative:
Higher

Actual:
229 ft.

LUST:
Region: Western Region
Facility ID: 27-06-1925
Cleanup Received Date: 10/31/2006
Cleanup Start Date: Not reported
Cleanup Complete Date: 02/21/2007

8
SW
< 1/8
0.062 mi.
325 ft.

HEATING OIL TANK
775 GERTH STREET NW
SALEM, OR 97304

LUST **S106777675**
N/A

Relative:
Higher

Actual:
150 ft.

LUST:
Region: Western Region
Facility ID: 27-04-2434
Cleanup Received Date: 12/10/2004
Cleanup Start Date: 12/13/2004
Cleanup Complete Date: Not reported

9
NNW
< 1/8
0.064 mi.
337 ft.

HEATING OIL TANK
1045 PALI DR NW
SALEM, OR 97304

LUST **S110510075**
N/A

Relative:
Higher

Actual:
252 ft.

LUST:

Region:	Western Region
Facility ID:	27-10-0406
Cleanup Received Date:	05/04/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**08/26/2010**

10
WNW
< 1/8
0.090 mi.
476 ft.

HEATING OIL TANK
1050 CASCADE DR NW
SALEM, OR 97304

LUST **S102778833**
N/A

Relative:
Higher

Actual:
269 ft.

LUST:

Region:	Western Region
Facility ID:	27-96-4038
Cleanup Received Date:	03/01/1996
Cleanup Start Date:	03/18/1996
Cleanup Complete Date:	**12/04/1996**

11
ESE
< 1/8
0.114 mi.
601 ft.

Relative:
Lower

Actual:
148 ft.

GNB TECHNOLOGIES
576 PATTERSON AVE
SALEM, OR 97304

RCRA-NonGen **1000119342**
FINDS **ORD009035684**
OR CRL
UST
INST CONTROL
VCP
ECSI

RCRA-NonGen:

Date form received by agency:	05/06/2002
Facility name:	GNB TECHNOLOGIES
Facility address:	576 PATTERSON AVE SALEM, OR 97304
EPA ID:	ORD009035684
Mailing address:	PO BOX 250 FRISCO, TX 95034
Contact:	SKIP MESHELLE
Contact address:	13806 NE AIRPORT WAY PORTLAND, OR 97230
Contact country:	US
Contact telephone:	(503) 362-3648
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GNB TECHNOLOGIES INC
Owner/operator address:	375 NORTHRIDGE ROAD ATLANTA, GA 30350
Owner/operator country:	US

GNB TECHNOLOGIES (Continued) **1000119342**

Owner/operator telephone: (770) 551-0300
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/06/2002
Owner/Op end date: Not reported

Owner/operator name: GNB TECHNOLOGIES INC
Owner/operator address: 375 NORTHRIDGE ROAD
ATLANTA, GA 30350
Owner/operator country: US
Owner/operator telephone: (770) 551-0300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/06/2002
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 05/20/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 05/19/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/19/1999
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 04/01/1997
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/01/1996
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/02/1995
Facility name: GNB TECHNOLOGIES

GNB TECHNOLOGIES (Continued) **1000119342**

Classification: Not a generator, verified

Date form received by agency: 02/16/1994
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/24/1993
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/21/1992
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/15/1990
Facility name: GNB TECHNOLOGIES
Site name: GNB INCORPORATED
Classification: Large Quantity Generator

Date form received by agency: 07/23/1982
Facility name: GNB TECHNOLOGIES
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/20/1990
Date achieved compliance: 07/05/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 12/20/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 07/05/1991
Evaluation lead agency: State

FINDS:

Registry ID: 110002149390

Environmental Interest/Information System
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

GNB TECHNOLOGIES (Continued) **1000119342**

permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

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

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.

CRL:

Facility ID:	358
Location ID:	1130
Status Code:	LIS
Facility Status:	No Further Action (Conditional)
Lat/Long:	44.9461 / -123.0561

UST:

Facility ID:	4338
Facility Telephone:	(503) 362-3647
Permittee Name:	EARL PETERSON, PLANT MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

OR INSTUTIONAL CONTROL:

Site Control Sequence #:	175
Site Id:	358
Control Sequence #:	3
Begin Date:	09/01/1999
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Marilyn Daniel
Last Review Date:	09/01/1999
Last Updated By:	GWISTAR
Last Updated Date:	07/17/2003
Group Sequence #:	2
Control Code:	EES
Control Description:	Easement Equitable Servitude
FK Type Code:	1
Group Code:	PR
Group Description:	Proprietary
Type Code:	I
Type Description:	Institutional
Comments:	EE&S filed w/Polk County - restricts management of excavated soils, and limits land use options.

Site Control Sequence #: 176

GNB TECHNOLOGIES (Continued) **1000119342**

Site Id:	358
Control Sequence #:	5
Begin Date:	09/01/1999
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Marilyn Daniel
Last Review Date:	09/01/1999
Last Updated By:	GWISTAR
Last Updated Date:	08/15/2008
Group Sequence #:	2
Control Code:	USL
Control Description:	Use Restriction Land
FK Type Code:	1
Group Code:	PR
Group Description:	Proprietary
Type Code:	I
Type Description:	Institutional
Comments:	Site is limited to industrial or commercial use only.

VCS:

ECS Site ID:	358
CRL:	LIS
Facility Size:	4 acres
Action:	No Further Action (Conditional)
Start Date:	11/17/1999
End Date:	11/17/1999
Project Manager Name:	Marilyn Daniel
Program:	VCP

ECSI:

State ID Number:	358	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Listed on the CRL/Inventory
FACA ID:	1130	Further Action:	0
Lat/Long (dms):	44 56 46.00 / -123 3 22.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1100	Size:	4 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	12/06/2007
Alias Name:	Gould Battery		

Hazardous Release:

Substance ID.:	121982
Haz Release ID:	383796
Qty Released:	unknown
Date Released:	Unknown
Update Date:	01/09/1988
Update By:	Not reported
Substance Code:	ECD169
Substance Name:	DIESEL - FUEL OIL
Substance Abbrev.:	Not reported
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported

GNB TECHNOLOGIES (Continued) **1000119342**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 303958
Release Code: Data Sources
Release Comments: DEQ observation 5-4-88
Sampling Result ID: 345137
Feature Id: Not reported
Hazard Release Id: 383796
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 2400 ppm
Last Update By: CONV
Update Date: 09/13/1994

Substance ID.: 121639
Haz Release ID: 383797
Qty Released: Unknown
Date Released: Unknown
Update Date: 01/09/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303957
Release Code: Data Sources
Release Comments: GNB Inc Letter and lab report-directed to DEQ on 11-19-85
Sampling Result ID: 346258
Feature Id: Not reported
Hazard Release Id: 383797
Medium: 703
Substance Abbrev.: Not reported

GNB TECHNOLOGIES (Continued) **1000119342**

Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1,800 ppm
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5728897
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: In 11/85, appproximately 5,000-6,000 lbs of lead oxide were released when a pressure valve on a delivery truck malfunctioned during unloading. Surface soil samples were subsequently collected around the site; up to 1,700 ppm lead was detected. DEQ gave provisional sign off after a partial cleanup was completed. In 5/88, an underground pipe was damaged, releasing diesel to subsurface soils. During cleanup, workers encountered a heating oil tank associated with the pipeline. GNB removed some petroleum-contaminated soils in 1988. In 2/91, DEQ notified GNB that the Dept. planned to conduct a PA and offered GNB the opportunity to do it themselves with VCP oversight. GNB entered the VCP in June 1991, submitted a PA and soil sampling plan in June 1991, implemented the plan in January 1993, and submitted the data report in March 1993. GNB decommissioned all battery manufacturing equipment and associated process lines in August and September 1993. They installed four groundwater monitoring wells in January 1994; installed a fifth well and collected additional soil samples in October 1994; and collected additional soil samples in September 1995 to complete the characterization. There appears to be limited lead contamination in subsurface soils and none in groundwater. Lead contaminated soils were removed to depths of approximately 3-8 ft in two smll areas at the site in June 1998. All 5 monitoring wells abandoned in June 1998. Residual concentrations of lead in soils do not exceed the Industrial Maximum Allowable Soil Concentration (2,000 mg/Kg). An Equitable Servitude and Easement was filed in Polk County as an attachment to the property deed in Sept. 1999 as notice re: the presence of lead above residential standards. Otherwise, no further action is required.

NARR ID: 5728898
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: ECP Files - WR Eugene

NARR ID: 5728899
NARR Code: Hazardous Substance/Waste Types

GNB TECHNOLOGIES (Continued) **1000119342**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: lead oxide dust, diesel fuel

NARR ID: 5728900
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead oxide released when pressure valve of delivery truck malfunctioned (11/85); diesel released when underground heating oil tank line ruptured (5/88); battery manufacturing processes may have contributed to on-site lead releases (1945-1989).

NARR ID: 5728901
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Company changed ownership and name in early 1984 from Gould, Inc. to GNB Batteries, Inc.

NARR ID: 5728902
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead is present above residential standards in on-site soils; but is not present in groundwater. The site is located in a residential neighborhood, although there are industrial sites adjacent to the facility.

NARR ID: 5728903
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/15/2008
NARR Comments: GNB has completed field activities to define the nature and extent of soil & groundwater contamination at the site. Soil removal was completed & monitoring wells abandoned in June 1998. Lead contamination remaining in on-site soils does not exceed 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. An Equitable Servitude and Easement was attached to the property deed in September 1999 and the site remains on the CRL and Inventory because of the residual lead in soils. In November 1999, DEQ determined that no further action was required.
(5/10/04 NHG/VCP) Current property owner contacted DEQ first week in May 2004 regarding commercial use of the property. Site has been cleaned up to industrial/commercial levels. DEQ concurred with commercial use, providing it was consistent with current zoning

GNB TECHNOLOGIES (Continued) **1000119342**

requirements. Concurrence documented in DEQ ECSI No. 358 files.

NARR ID: 5750634
NARR Code: 1922
Created By: GWISTAR
Created Date: 07/10/2008
Updated By: GWISTAR
Updated Date: 07/10/2008
NARR Comments: Soil removal was completed & monitoring wells abandoned in 1998. Lead contamination remaining in soil is below 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. In November 1999, DEQ determined that no further action was required at the site, on the condition that site use remained industrial or commercial, and that a soil-management plan be developed in the event soil disturbance were anticipated in conjunction with redevelopment.

Site Control:
Site Control #: 175
Control Number: 3
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Reviewed Date: 09/01/1999
Last Update By: GWISTAR
Last Updated Date: 07/17/2003
Site Comment: EE&S filed w/Polk County - restricts management of excavated soils, and limits land use options.

Site Control #: 176
Control Number: 5
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Reviewed Date: 09/01/1999
Last Update By: GWISTAR
Last Updated Date: 08/15/2008
Site Comment: Site is limited to industrial or commercial use only.

Administrative Action:

Admin ID:	723414	Action ID:	9431
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/25/1991	Complete Date:	Not reported
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	HOLD	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Place on hold		
Further Action:	Not reported		
Comments:	(Pending results of Groundwater investigation)		

Admin ID:	723442	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/24/1991	Complete Date:	09/24/1991
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False

GNB TECHNOLOGIES (Continued) **1000119342**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718303	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724884	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705778	Action ID:	9434
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/01/1999	Complete Date:	09/01/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ICON	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Institutional Control		
Further Action:	Not reported		
Comments:	ES & E filed w/Polk County; restrictions on management of excavated soils, limits site to industrial use only.		

Admin ID:	710720	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/01/1993	Complete Date:	09/01/1993
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Not reported		
Comments:	GNB decommisioned all battery manufacturing equip. and associated process line s in 8/93 and 9/93.		

GNB TECHNOLOGIES (Continued) **1000119342**

Admin ID:	720897	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/25/1991	Complete Date:	09/14/1992
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	(Started by MJZ/SAS, transfered to VCS)		

Admin ID:	721320	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/03/1992	Complete Date:	01/03/1993
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	711448	Action ID:	9438
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/22/1997	Complete Date:	01/22/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility placed on Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	711449	Action ID:	9439
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/22/1997	Complete Date:	01/22/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility placed on Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715237	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1991	Complete Date:	01/24/1991
Substance Code:	SAS	Rank Value:	0
Employee Id:	26	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		

GNB TECHNOLOGIES (Continued) **1000119342**

Further Action: Not reported
Comments: Not reported

Admin ID:	715238	Action ID:	9497
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1991	Complete Date:	01/24/1991
Substance Code:	SAS	Rank Value:	0
Employee Id:	26	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Preliminary Assessment Equivalent recommended (PAE)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715383	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/02/1992	Complete Date:	03/02/1992
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	721785	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/01/1992	Complete Date:	06/30/1998
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703867	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/17/1999	Complete Date:	11/17/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Action (Conditional)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713190	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

GNB TECHNOLOGIES (Continued) **1000119342**

Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713191	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713288	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713289	Action ID:	9467
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	131780
Operation Status:	Inactive
Common Name:	GNB Battery
Yrs of Operation:	1945 - 1997
Comments:	Auto & truck lead acid storage battery mfg plant 1945-1989; operated as warehs only; all battery mfg. equip & lines decommissioned 1993; vacated 1998
Updated Date:	09/26/2000
Operations SIC Id:	195317
SIC Code:	3691
Created By:	Not reported
Created Date:	12/17/2002
Operations SIC Id:	195318
SIC Code:	4953
Created By:	Not reported

GNB TECHNOLOGIES (Continued) **1000119342**

Created Date: 12/17/2002

C12
ENE
1/8-1/4
0.134 mi.
705 ft.

HANARD MACHINE
859 7TH STREET NW
SALEM, OR

UIC **S108060005**
LUST **N/A**
HSIS

Site 1 of 6 in cluster C

Relative:
Lower

Actual:
149 ft.

OR UIC:
UIC Well #: 1
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 12799
Facility Status: Registered & RA
Lat/Long: 44.9476009 / -123.0552

LUST:
Region: Western Region
Facility ID: 27-95-4037
Cleanup Received Date: 03/20/1995
Cleanup Start Date: 03/24/1995
Cleanup Complete Date: Not reported

HSIS:
Facility Id: 065313
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: No
NAICS Code 1: 332710
NAICS Desc 1: MACHINE SHOPS
NAICS Code 2: 811310
NAICS Desc 2: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAIN
Manager Name: KEVIN KIRSCH
Business Phone: 5033643952
Mailing Address: 859 7TH ST NW
Mailing City,St,Zip: SALEM, OR 97304
No. of Employees: 85
Day Phone: 5033643952
Placard: Yes
Fire Dept Code: 0321
Sprinkler System: Yes
Emergency Contact: FRANK KIRSCH JR
Emergency Procedure: Not reported
Business Type: MACHINE SHOP & WELDING

Facility:
Facility Id: 065313
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: O

HANARD MACHINE (Continued) **S108060005**

Description:	TOTEBIN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	68476346
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	065313
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE

HANARD MACHINE (Continued) **S108060005**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	065313
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

HANARD MACHINE (Continued) **S108060005**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	065313
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999

HANARD MACHINE (Continued) **S108060005**

Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	065313
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	BASE OIL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material

HANARD MACHINE (Continued) **S108060005**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	0000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

C13 **ASTEN DRYER FABRICS INC** **RCRA-NonGen** **1000206443**
ENE **859 7TH ST NW** **FINDS** **ORD009036039**
1/8-1/4 **SALEM, OR 97304**
0.134 mi.
705 ft. **Site 2 of 6 in cluster C**

Relative:
Lower

Actual:
149 ft.

RCRA-NonGen:

Date form received by agency:	02/21/1996
Facility name:	ASTEN DRYER FABRICS INC
Facility address:	859 7TH ST NW SALEM, OR 97304
EPA ID:	ORD009036039
Mailing address:	PO BOX 5328 SALEM, OR 97304
Contact:	JOHN C HART
Contact address:	PO BOX 5328 SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 364 6894
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ASTEN GROUP, INC
Owner/operator address:	PO BOX 10700 CHARLESTON, SC 29411
Owner/operator country:	US
Owner/operator telephone:	(803) 747-7800
Legal status:	Other
Owner/Operator Type:	Owner

ASTEN DRYER FABRICS INC (Continued) **1000206443**

Owner/Op start date: 02/21/1996
Owner/Op end date: Not reported

Owner/operator name: ASTEN DRYER FABRICS INC
Owner/operator address: PO BOX 5328
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: (503) 364 6894
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 02/21/1996
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 02/10/1995
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Date form received by agency: 02/28/1994
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Date form received by agency: 02/17/1993
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Date form received by agency: 04/01/1992
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004779099

Environmental Interest/Information System
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,

ASTEN DRYER FABRICS INC (Continued) **1000206443**

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.

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14 WNW 1/8-1/4 0.138 mi. 731 ft. | **HEATING OIL TANK 1079 CASCADE DR NW SALEM, OR 97304** | **LUST** | **S104908274 N/A**

Relative: Higher

Actual: 296 ft.

LUST:

Region:	Western Region
Facility ID:	27-01-5301
Cleanup Received Date:	02/22/2001
Cleanup Start Date:	02/21/2001
Cleanup Complete Date:	**03/27/2001**

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15 ENE 1/8-1/4 0.142 mi. 752 ft. | **HANARD MACHINE INC 795 NW 9TH ST SALEM, OR 97304** | **AST HSIS** | **S111210258 N/A**

Relative: Higher

Actual: 151 ft.

AST:

Facility Id:	001146
Hazardous Substance:	PROPANE
Reporting Quantities:	10,000-49,999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	001146
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	332710
NAICS Desc 1:	MACHINE SHOPS
NAICS Code 2:	811310
NAICS Desc 2:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAIN
Manager Name:	KEVIN KIRSCH
Business Phone:	5033643952
Mailing Address:	859 NW 7TH ST
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	5
Day Phone:	5033643952
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	FRANK KIRSCH JR
Emergency Procedure:	Not reported
Business Type:	MACHINE SHOP & WELD SHOP

HANARD MACHINE INC (Continued) **S111210258**

Facility:

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS

HANARD MACHINE INC (Continued) **S111210258**

Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L

HANARD MACHINE INC (Continued) **S111210258**

Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	30
Maximum Amount Possessed During The Year Code:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE

HANARD MACHINE INC (Continued) **S111210258**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

HANARD MACHINE INC (Continued) **S111210258**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1006
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

16
West
1/8-1/4
0.143 mi.
755 ft.

HEATING OIL TANK **LUST** **S108573035**
1025 TERRACE DR NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
279 ft.

LUST:

Region:	Western Region
Facility ID:	27-05-0934
Cleanup Received Date:	05/09/2005
Cleanup Start Date:	05/11/2005
Cleanup Complete Date:	**05/14/2007**

17
West
1/8-1/4
0.156 mi.
822 ft.

HEATING OIL TANK
951 CASCADE DRIVE NW
SALEM, OR 97304

LUST **S105856939**
N/A

Relative:
Higher

Actual:
210 ft.

LUST:

Region:	Western Region
Facility ID:	27-03-1010
Cleanup Received Date:	05/23/2003
Cleanup Start Date:	05/27/2003
Cleanup Complete Date:	**07/10/2003**

C18
East
1/8-1/4
0.157 mi.
827 ft.

LAYTON MANUFACTURING CO
672 NW MURLARK AVE
SALEM, OR 97304

AST **S109052215**
MANIFEST **N/A**
HSIS

Site 3 of 6 in cluster C

Relative:
Lower

Actual:
148 ft.

AST:

Facility Id:	006342
Hazardous Substance:	PROPANE
Reporting Quantities:	50-199
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

Facility Id:	006342
Hazardous Substance:	ARGON
Reporting Quantities:	1,000-4,999
Quantity Units:	CUBIC FEET
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

OR MANIFEST:

Manifest Year:	Manifest Year - 2007
EPA Id:	ORQ000027474
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Mary
Contact Last Name:	Drushella
Contact Telephone Number:	503 585-4888
Mailing Address:	672 Murlark Ave NW
Mailing City:	Salem
Mailing State:	OR
Mailing Zip:	97304

HSIS:

Facility Id:	006342
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	333120
NAICS Desc 1:	CONSTRUCTION MACHINERY MANUFACTURING
NAICS Code 2:	333294
NAICS Desc 2:	FOOD PRODUCT MACHINERY MANUFACTURING
Manager Name:	JOHN LAYTON

LAYTON MANUFACTURING CO (Continued) **S109052215**

Business Phone:	5035854888
Mailing Address:	672 NW MURLARK AVE
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	40
Day Phone:	5035854888
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	JOHN LAYTON
Emergency Procedure:	FRONT OFFICE PRODUCTION OFFICE LUNCH RM
Business Type:	MFG CONSTRUCTION & FOOD PROCESSING MACHINERY

Facility:

Facility Id:	006342
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	00
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	0-4
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No

LAYTON MANUFACTURING CO (Continued) **S109052215**

EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	006342
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	ACETYLENE
United Nations/north America 4 Digit Class Number:	1001
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1001
Chemical Abstract Service Identifier Number:	74862
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No

LAYTON MANUFACTURING CO (Continued) **S109052215**

Contains 313: No

Facility Id:	006342
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1263
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1263
Chemical Abstract Service Identifier Number:	64742478
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported

Contains 112R: Not reported
Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

Facility Id:	006342
Physical State Of The Substance:	3

LAYTON MANUFACTURING CO (Continued) **S109052215**

Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HELIUM
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440597
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	006342
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET

LAYTON MANUFACTURING CO (Continued) **S109052215**

Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

C19 **WELLIVER METAL PRODUCTS CORP** **RCRA-NonGen** **1000644436**
East **672 MURLARK AVE NW** **FINDS** **ORD987192770**
1/8-1/4 **SALEM, OR 97304**
0.157 mi.
827 ft. **Site 4 of 6 in cluster C**

Relative:
Lower

Actual:
148 ft.

RCRA-NonGen:

Date form received by agency:	01/06/1992
Facility name:	WELLIVER METAL PRODUCTS CORP
Facility address:	672 MURLARK AVE NW SALEM, OR 97304

WELLIVER METAL PRODUCTS CORP (Continued) **1000644436**

EPA ID:	ORD987192770
Mailing address:	NO MAILING ADDRESS
	NO MAILING CITY, OR
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	10
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	08/07/1991
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

Registry ID: 110007740294

Environmental Interest/Information System

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

WELLIVER METAL PRODUCTS CORP (Continued) **1000644436**

corrective action activities required under RCRA.

C20 East 1/8-1/4 0.157 mi. 827 ft. **WELLIVER WELDING WORKS INC** **UST** **U000434089**
672 MURLARK AVE NW **N/A**
SALEM, OR 97304

Site 5 of 6 in cluster C

Relative: Lower

Actual: 148 ft.

UST:

Facility ID:	4335
Facility Telephone:	(503)362-1568
Permittee Name:	KEITH A BURKHART, ASSISTANT MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

C21 East 1/8-1/4 0.157 mi. 827 ft. **LAYTON MANUFACTURING CO., INC** **RCRA-CESQG** **1011490911**
672 MURLARK AVE NW **ORQ000027474**
SALEM, OR 97304

Site 6 of 6 in cluster C

Relative: Lower

Actual: 148 ft.

RCRA-CESQG:

Date form received by agency:	03/14/2008
Facility name:	LAYTON MANUFACTURING CO., INC
Facility address:	672 MURLARK AVE NW SALEM, OR 97304-3813
EPA ID:	ORQ000027474
Contact:	JOHN LAYTON
Contact address:	672 MURLARK AVE NW SALEM, OR 97304
Contact country:	US
Contact telephone:	503 585-4888
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	LAYTON MANUFACTURING CO. INC

LAYTON MANUFACTURING CO., INC (Continued) **1011490911**

Owner/operator address: 672 MURLARK AVE. NW
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: 503 585-4888
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1960
Owner/Op end date: Not reported

Owner/operator name: LAYTON MANUFACTURING CO. INC
Owner/operator address: 672 MURLARK AVE. NW
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: 503 585-4888
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/14/2008
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/31/2007
Facility name: LAYTON MANUFACTURING CO., INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/29/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

22
NE
1/8-1/4
0.164 mi.
867 ft.

HEATING OIL TANK
770 GLEN CREEK RD NW
SALEM, OR 97304

LUST **S111332712**
N/A

Relative:
Higher

Actual:
202 ft.

LUST:

Region:	Western Region
Facility ID:	27-11-0917
Cleanup Received Date:	09/06/2011
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/28/2011**

23
East
1/8-1/4
0.164 mi.
867 ft.

WEST SALEM MACHINERY CO
665 MURLARK AVE NW
SALEM, OR 97304

RCRA-CESQG **1000644656**
FINDS **ORD987194974**
LUST
UST
AST
MANIFEST
SPILLS
HSIS

Relative:
Lower

Actual:
148 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2004
Facility name:	WEST SALEM MACHINERY CO
Facility address:	665 MURLARK AVE NW SALEM, OR 97304
EPA ID:	ORD987194974
Mailing address:	PO BOX 5288 SALEM, OR 97304
Contact:	GREG LANG
Contact address:	PO BOX 5288 SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 364-2213
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WEST SALEM MACHINERY CO
Owner/operator address:	PO BOX 5288 SALEM, OR 97304
Owner/operator country:	US

WEST SALEM MACHINERY CO (Continued) **1000644656**

Owner/operator telephone: (503) 364-2213
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2004
Owner/Op end date: Not reported

Owner/operator name: WEST SALEM MACHINERY HOLDING CO
Owner/operator address: 665 MURLARK AVE NW
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: (503) 364-2213
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/14/1992
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/31/2003
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/25/2003
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/27/2002
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/26/2001
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 04/14/2000
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/18/1999
Facility name: WEST SALEM MACHINERY CO

WEST SALEM MACHINERY CO (Continued) **1000644656**

Classification: Small Quantity Generator

Date form received by agency: 02/25/1998
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/03/1997
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/01/1996
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/01/1995
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/16/1994
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 09/27/1993
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/14/1992
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Facility Has Received Notices of Violations:
Regulation violated: FR - 40 CFR 265
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.34
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000

WEST SALEM MACHINERY CO (Continued) **1000644656**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 62.34(c)(1)(ii)
Area of violation: Generators - Pre-transport
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.37
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - OAR 340-135-0050(c)
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 262.34(d)(5)
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - OAR 340-102-0011
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.173
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/06/2000
Evaluation lead agency: State

Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/06/2000
Evaluation lead agency: State

FINDS:

Registry ID: 110004804463

Environmental Interest/Information System
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WEST SALEM MACHINERY CO (Continued) **1000644656**

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.

LUST:

Region:	Western Region
Facility ID:	27-90-4192
Cleanup Received Date:	08/16/1990
Cleanup Start Date:	08/15/1990
Cleanup Complete Date:	**06/04/2010**

UST:

Facility ID:	7954
Facility Telephone:	(503)364-2213
Permittee Name:	RON LYMAN, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

AST:

Facility Id:	002192
Hazardous Substance:	PROPANE
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

OR MANIFEST:

Manifest Year:	Manifest Year - 2004
EPA Id:	ORD987194974
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Greg
Contact Last Name:	Lang
Contact Telephone Number:	(503) 364-2213
Mailing Address:	PO Box 5288
Mailing City:	Salem
Mailing State:	OR
Mailing Zip:	97304

RCRA Id :	ORD987194974
Inactive :	Not reported
Year :	2004
Status :	Conditionally exempt generator
Manifest :	53702
Ship Date :	3/30/2004
TSD :	ORD981766124
WS Num:	Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

Transporter : TXR000050930
Ship Qty : 20
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status : Conditionally exempt generator
Manifest : 89755
Ship Date : 4/30/2004
TSD : TXD077603371
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 389
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status : Conditionally exempt generator
Manifest : 45890
Ship Date : 2/13/2004
TSD : ORD981766124
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 36
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status : Conditionally exempt generator
Manifest : 25862
Ship Date : 2/18/2004
TSD : KYD053348108
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 401
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

OR SPILLS:

Year:	Not reported
Facility ID:	01-2783
Spill Date:	Not reported
Material:	Process water, etc.
Quantity:	800
Unit of Measure:	Gallons
How Occurred:	Not reported
Release Date:	10/26/2001
Description:	2,600 gallon water tank - fitting broken by worker using flame cutting table - 800 gallons water released.
Location:	Not reported
Lat/Long:	44.9474 / -123.0543
Source:	Industrial Plant
Material:	Not reported
Media:	Not reported
Responsible Company:	West Salem Machinery
Responsible Contact:	Greg Lang
Responsible Address:	992 7th St NW
Responsible City,St,Zip:	Salem, OR 97304-3807
Responsible Country:	MARION

HSIS:

Facility Id:	002192
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	333210
NAICS Desc 1:	SAWMILL AND WOODWORKING MACHINERY MANUFACTURING
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	MARK LYMAN PRESIDENT
Business Phone:	5033642213
Mailing Address:	PO BOX 5288
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	45
Day Phone:	5033642214
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	GREG LANG
Emergency Procedure:	Not reported
Business Type:	MFG OF SAWMILL EQUIP STRADDLE CARRIERS JOB SHOP

Facility:

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS

WEST SALEM MACHINERY CO (Continued) **1000644656**

Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	BASE LUBRICATING OILS
United Nations/north America 4 Digit Class Number:	1270
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1270
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	002192
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2

WEST SALEM MACHINERY CO (Continued) **1000644656**

Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	1013
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1013
Chemical Abstract Service Identifier Number:	124389
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4

WEST SALEM MACHINERY CO (Continued) **1000644656**

Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	180
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	XYLENE
United Nations/north America 4 Digit Class Number:	1307
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1307
Chemical Abstract Service Identifier Number:	1330207
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	01
Maximum Amount Possessed During The Year Code:	01
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5-9

WEST SALEM MACHINERY CO (Continued) **1000644656**

Description Of The Avg Qnty Code:	5-9
Most Hazardous Ingridient:	SOLVENT NAPHTHA (PETROLEUM)
United Nations/north America 4 Digit Class Number:	1268
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1268
Chemical Abstract Service Identifier Number:	64742887
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

First Hazardous Class Code For Chemical: Non-flammable Gas
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1956
Chemical Abstract Service Identifier Number: 7440371
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Non-flammable Gas
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: Not reported
EPA Pesticide Registration Number: Not reported
Contains 112R: Not reported
Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

24
NNE
1/8-1/4
0.192 mi.
1012 ft.

HEATING OIL TANK **LUST** **S108573021**
1165 BELAIRE DR NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
237 ft.

LUST:
Region: Western Region
Facility ID: 27-07-0651
Cleanup Received Date: 05/11/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/12/2007

25
NNE
1/8-1/4
0.197 mi.
1041 ft.

HEATING OIL TANK **LUST** **S103839714**
945 HILLTOP DRIVE **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
271 ft.

LUST:
Region: Western Region
Facility ID: 27-95-4042
Cleanup Received Date: 03/23/1995
Cleanup Start Date: 03/14/1995
Cleanup Complete Date: 01/31/1996

26
West
1/8-1/4
0.203 mi.
1071 ft.

HEATING OIL TANK
963 PARKWAY NW
SALEM, OR 97304

LUST **S103839708**
N/A

Relative:
Higher

Actual:
290 ft.

LUST:

Region:	Western Region
Facility ID:	24-93-5139
Cleanup Received Date:	11/11/1993
Cleanup Start Date:	10/11/1993
Cleanup Complete Date:	**04/21/2000**

27
West
1/8-1/4
0.216 mi.
1142 ft.

HEATING OIL TANK
914 TERRACE DRIVE NW
SALEM, OR 97304

LUST **S103543471**
N/A

Relative:
Higher

Actual:
269 ft.

LUST:

Region:	Western Region
Facility ID:	27-96-4082
Cleanup Received Date:	05/14/1996
Cleanup Start Date:	03/11/1998
Cleanup Complete Date:	**03/17/2000**

28
NW
1/8-1/4
0.223 mi.
1175 ft.

HEATING OIL TANK
1120 PARKWAY DR NW
SALEM, OR 97304

LUST **S108573033**
N/A

Relative:
Higher

Actual:
289 ft.

LUST:

Region:	Western Region
Facility ID:	27-06-1839
Cleanup Received Date:	10/15/2006
Cleanup Start Date:	10/16/2006
Cleanup Complete Date:	**12/05/2006**

D29
ESE
1/8-1/4
0.230 mi.
1215 ft.

AGRIPAC INC PLANT #5
556 MURLARK AVE NW
SALEM, OR 97304

Site 1 of 3 in cluster D

UST **U004015453**
N/A

Relative:
Lower

Actual:
146 ft.

UST:

Facility ID:	6210
Facility Telephone:	(503) 371-4271
Permittee Name:	JOHN WIEBENGA, PLANT MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

D30 ESE 1/8-1/4 0.230 mi. 1215 ft. | **MURLARK PROPERTIES LLC**
556 MURLARK ST NW
SALEM, OR 97304

Site 2 of 3 in cluster D

RCRA-CESQG FINDS | **1004769855 ORD021405220**

Relative: Lower

Actual: 146 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2003
Facility name:	MURLARK PROPERTIES LLC
Facility address:	556 MURLARK ST NW SALEM, OR 97304
EPA ID:	ORD021405220
Mailing address:	PO BOX 309 SALEM, OR 97308
Contact:	CRAIG SCHOCKO
Contact address:	PO BOX 309 SALEM, OR 97308
Contact country:	US
Contact telephone:	(503) 362-3674
Contact email:	CRAIGS@TRUITTBROS.COM
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	MURLARK PROPERTIES LLC
Owner/operator address:	PO BOX 309 SALEM, OR 97308
Owner/operator country:	US
Owner/operator telephone:	(503) 362-3674
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/2003
Owner/Op end date:	Not reported

Owner/operator name:	MURLARK PROPERTIES LLC
Owner/operator address:	PO BOX 309 SALEM, OR 97308
Owner/operator country:	US
Owner/operator telephone:	(503) 362-3674
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2003
Owner/Op end date:	Not reported

MURLARK PROPERTIES LLC (Continued) **1004769855**

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/08/2003
Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/04/2002
Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/19/2001
Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/14/2000
Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/14/2000
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Not a generator, verified

Date form received by agency: 04/16/1999
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/03/1998
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/21/1997
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/08/1996
Facility name: MURLARK PROPERTIES LLC

MURLARK PROPERTIES LLC (Continued) **1004769855**

Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/1995
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/1994
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/1993
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004780489

Environmental Interest/Information System

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.

D31 **AGRIPAC INC PLT 5** **AST** **S110072128**
ESE **556 MURLARK AVE NW** **SPILLS** **N/A**
1/8-1/4 **SALEM, OR 97304** **HSIS**
0.230 mi. **ECSI**
1215 ft. **Site 3 of 3 in cluster D**

Relative:
Lower

Actual:
146 ft.

AST:
Facility Id: 003794
Hazardous Substance: AMMONIA ANHYDROUS
Reporting Quantities: 500-999
Quantity Units: GALLONS
Physical State: GAS
Storage 1: ABOVEGROUND TANK

AGRIPAC INC PLT 5 (Continued) **S110072128**

OR SPILLS:

Year: Not reported
Facility ID: 09-2618
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 11/13/2009
Description: Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: On pavement/asphalt - not direct on soil
Responsible Company: Truitt Bros., Inc.
Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

Year: Not reported
Facility ID: 09-2618
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 11/13/2009
Description: Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: Not reported
Responsible Company: Truitt Bros., Inc.
Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

HSIS:

Facility Id: 003794
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: SPECIAL PRODUCTS DIVISION
Facility Has Written Emergency Plan: Yes
Contains 112R: Not reported
NAICS Code 1: 311991
NAICS Desc 1: PERISHABLE PREPARED FOOD MANUFACTURING
NAICS Code 2: 493120

AGRIPAC INC PLT 5 (Continued) **S110072128**

NAICS Desc 2:	REFRIGERATED WAREHOUSING AND STORAGE
Manager Name:	DAVID TRUITT
Business Phone:	5033623674
Mailing Address:	PO BOX 309
Mailing City,St,Zip:	SALEM, OR 97308
No. of Employees:	200
Day Phone:	5033623674
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	LYNN PETERSON
Emergency Procedure:	MAINT OFFICE
Business Type:	REFRIGERATED FROZEN & DRY WHSING & STRG-FOOD PROCESSING

Facility:

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3

AGRIPAC INC PLT 5 (Continued) **S110072128**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	1677-144
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: Yes	
Contains 313: No	

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	1791
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1791
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	

AGRIPAC INC PLT 5 (Continued) **S110072128**

Fertilizer: No
Pesticide: No
Contains 313: No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	METAPHOSPHORIC ACID, HEXASODIUM SALT
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	10124568
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

AGRIPAC INC PLT 5 (Continued) **S110072128**

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	LUBRICANT BASE OIL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04

AGRIPAC INC PLT 5 (Continued) **S110072128**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM SULFITE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7757837
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	5638	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	989	Further Action:	260
Lat/Long (dms):	44 56 47.40 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S

AGRIPAC INC PLT 5 (Continued) **S110072128**

Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/07/2011
Alias Name:	Agripac		

Narrative:

NARR ID:	5753473
NARR Code:	Contamination
Created By:	SSADOFS
Created Date:	08/05/2011
Updated By:	SSADOFS
Updated Date:	08/05/2011
NARR Comments:	A citizen complaint and subsequent inspection by DEQ's HW program documented oil leaking from underground coils at the facility.

Administrative Action:

Admin ID:	739184	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	08/05/2011	Complete Date:	08/05/2011
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	739185	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/05/2011	Complete Date:	08/05/2011
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Low		
Comments:	Not reported		

32
ENE
1/8-1/4
0.231 mi.
1218 ft.

WESTGATE CLEANERS **DRYCLEANERS** **S108519992**
590 TAGGART DR NW STE 110 **N/A**
SALEM, OR

Relative:
Lower

Actual:
146 ft.

DRYCLEANERS:

Dry Cleaner ID:	737
Phone ID:	503 364-8900
Current Status:	Closed
Last Update:	2/20/2007
DEQID:	Not reported
Latitude:	44.9480063
Longitude:	-123.05149

33
WSW
1/8-1/4
0.234 mi.
1234 ft.

HEATING OIL TANK
876 PIEDMONT AVE NW
SALEM, OR 97304

LUST **S105464166**
N/A

Relative:
Higher

Actual:
152 ft.

LUST:

Region:	Western Region
Facility ID:	27-02-0091
Cleanup Received Date:	06/10/2002
Cleanup Start Date:	06/07/2002
Cleanup Complete Date:	**Not reported**

34
SE
1/8-1/4
0.240 mi.
1265 ft.

325 PATTERSON ST NW
SALEM, OR

SPILLS **S102081253**
ECSI **N/A**

Relative:
Lower

Actual:
147 ft.

OR SPILLS:

Year:	Not reported
Facility ID:	94-1360
Spill Date:	Not reported
Material:	Not reported
Quantity:	0
Unit of Measure:	Not reported
How Occurred:	Not reported
Release Date:	/ /
Description:	20 gallon contained to raod and cleaned it up (diesel oil) from overturned truck with ruptured tank. Hazmat responded and cleaned up spill. Contained to asphalt. New information: Spill impacted shoulder. Spencer environmental hired.
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	I-5
Responsible Contact:	Not reported
Responsible Address:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Country:	Not reported

Year:	Not reported
Facility ID:	94-1360
Spill Date:	Not reported
Material:	Not reported
Quantity:	0
Unit of Measure:	Not reported
How Occurred:	Not reported
Release Date:	/ /
Description:	Hwy 58 MP 49 - 2 Semis in accident. Vehicles on fire. 50 gallons of diesel released. One fatality and one critical.
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	Hwy 58
Responsible Contact:	Not reported

(Continued) **S102081253**

Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

ECSI:

State ID Number:	353	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	6086	Further Action:	0
Lat/Long (dms):	44 56 40.20 / -123 3 16.90	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	700	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	09/13/2006

Narrative:

NARR ID: 5728664
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/27/92 LSK/SAS) On August 8, 1982, 2500 gallons of hydraulic oil spilled as a result of a line leak. A DEQ file memo states that all oil was contained, no product reached public waters, and cleanup was outstanding. No information is available about the potential for soil contamination, or about the location of the spill.

NARR ID: 5728665
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: 1) Complaint form. 2) DEQ memo to file (8-9-82).

NARR ID: 5728666
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: hydraulic oil

NARR ID: 5728667
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Bassett NW; Agripac #1 West Salem

NARR ID: 5728668
NARR Code: Manner of Release

(Continued) **S102081253**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Break in hydraulic oil line. Time of release: August 8, 1982

NARR ID: 5728669
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/27/92 LSK/SAS) Available information indicates the spill was contained and cleaned up (oil was pumped by septic service for disposal). No further action is necessary.

Administrative Action:

Admin ID:	718310	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/02/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718711	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/27/1992	Complete Date:	09/27/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718712	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/28/1992	Complete Date:	09/28/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718713	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/29/1992	Complete Date:	09/29/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False

(Continued) **S102081253**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Operations:

Operation Id:	131775
Operation Status:	Active
Common Name:	Agripac Inc.
Yrs of Operation:	Not reported
Comments:	Food processing plant
Updated Date:	09/13/1994
Operations SIC Id:	195309
SIC Code:	2033
Created By:	Not reported
Created Date:	12/17/2002

35
ENE
1/4-1/2
0.263 mi.
1389 ft.

CIRCUIT WORLD INC.
585 9TH ST NW
SALEM, OR 97304

FINDS **1006857381**
ECSI **N/A**

Relative:
Lower

Actual:
148 ft.

FINDS:

Registry ID: 110014198064

Environmental Interest/Information System
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:	356	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	9017	Further Action:	0
Lat/Long (dms):	44 56 58.00 / -123 3 9.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	6400	Size:	8,750 sq. ft.
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	07/10/2008

Hazardous Release:

Substance ID.:	121737
Haz Release ID:	383794
Qty Released:	unknown
Date Released:	unknown
Update Date:	01/09/1988

CIRCUIT WORLD INC. (Continued) **1006857381**

Update By: Not reported
Substance Code: 7697-37-2
Substance Name: NITRIC ACID
Substance Abbrev.: Not reported
Substance Alias ID: 319462
Sub Alias Name: AQUAFORTIS
Comment ID: 303955
Release Code: Data Sources
Release Comments: DEQ inspector observation 9-6-84
Sampling Result ID: 346256
Feature Id: Not reported
Hazard Release Id: 383794
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: True
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: pH <2
Last Update By: kpd
Update Date: 06/03/1996

Narrative:
NARR ID: 5728888
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:(9/1/88 MMD/SAS) On September 6, 1984, a City of Salem inspector observed puddles of blue liquid at the site. The pH of the puddles was less than 2. A DEQ inspector also observed that chemicals had been allowed to discharge into a storm water basin. A Notice of Violation (NOV) was issued 9/25/84. There is no record of additional sampling or cleanup at the site.

NARR ID: 5728889
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Inspection reports. Photos.

NARR ID: 5728890
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:nitric acid

NARR ID: 5746248

CIRCUIT WORLD INC. (Continued) **1006857381**

NARR Code: Remedial Action
Created By: SNICHOL
Created Date: 02/08/2005
Updated By: SNICHOL
Updated Date: 02/08/2005
NARR Comments: There is insufficient information to determine whether there was a significant release of hazardous substances to soil or water at the former Circuit World, Inc. site. If there was a release it appears the most likely impacts would have been to the drainage ditch or Willamette River, but that residual contamination in these areas, if any, is unlikely to pose a significant threat to human health or the environment. Based on existing information, it appears the Site was in compliance with DEQ regulation and standards in place in 1984. Therefore, DEQ has determined that unless additional information becomes available justifying further investigation, no further action is required under the Environmental Cleanup Program. This determination applies only to the acidic waste issue addressed in the 1984 DEQ Notice of Violation and this Strategy Recommendation.

Administrative Action:

Admin ID:	718301	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724002	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	721922	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703245	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region

CIRCUIT WORLD INC. (Continued) **1006857381**

Start Date:	02/01/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	0
Employee Id:	566	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729822	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729823	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729825	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	State Screen. NFA.		

Operations:

Operation Id:	131778
Operation Status:	Inactive
Common Name:	Circuit World Inc.
Yrs of Operation:	Not reported
Comments:	Electroplating
Updated Date:	03/16/1995
Operations SIC Id:	195315
SIC Code:	3471
Created By:	Not reported
Created Date:	12/17/2002

36
ESE
1/4-1/2
0.263 mi.
1389 ft.

845 BASSETT ST NW
SALEM, OR

SPILLS
OR HAZMAT
VCP
ECSI

S105523306
N/A

Relative:
Lower

Actual:
146 ft.

OR SPILLS:

Year:	Not reported
Facility ID:	93-1175
Spill Date:	12/30/1994
Material:	WHITE KEROSENE
Quantity:	1000
Unit of Measure:	Not reported
How Occurred:	BULK CARRIER TRUCK OVERTURNED/BURND
Release Date:	/ /
Description:	Not reported
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	ESTACADA OIL CO.
Responsible Contact:	Not reported
Responsible Address:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Country:	Not reported

HAZMAT:

Responsble Party:	TOM SODEMAN
RP Company:	AGRIPAC INC
RP Address:	325 PATTERSON ST NW
RP City,St,Zip:	SALEM, OR 97304
Facility ID:	890458
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/23/1991

(Continued) **S105523306**

Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	890458
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FM
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	09/18/1989
Call Time:	2:00:00 PM
In Route:	12:00:00 AM
Arrival:	2:04:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	5:48:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	True
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	909124
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Industrial
Responsible Party(Ies):	TOM SODEMAN
Company:	AGRIPAC INC
Respcontact:	Not reported
Address:	325 PATTERSON ST NW
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97304
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	5646
Chemical Id:	35430
Incident Id:	890458
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

(Continued) **S105523306**

Chemical Id: 35430
Chemical Name: UNKNOWN CHEMICAL
Hazardous Ingredient: UNKNOWN CHEMICAL
Hazardous Class 1: 9.0
Hazardous Class 2: Not reported
Hazardous Rank: 2
Case Number: Not reported
UNNA Number: Not reported
EPA Pest Reg: Not reported
EHA Chem: Not reported
PSM Chem: Not reported
CAA 112R Chem: Not reported

Method:
Method Used Id: 4348
Incident Id: 890458
Identity Method: 5

Released:
Release Behavior Id: 1043
Incident Id: 890458
Behavior: 1

Release Behavior Id: 3678
Incident Id: 890458
Behavior: 4

Narrative:
Narrative Id: 2732
Incident Id: 890458
Incident Narrative: FAILURE OF AMMONIA REFRIGERATION CONTROL VALVE/LINE ASSEMBLY. UNKNOWN HOW MUCH ESCAPED INTO ATMOSPHERE. PLANT PERSONNEL DISCOVERED, REPORTED, CONTAINED AND CONTROLLED. SALEM FIRE & POLLUTION CONTROL ASSISTED WITH REMOVAL AND STOOD BY DURING REPAIR. AGRI PAC..EMPLOYEES ADVISING IT AT THIS TIME..IS NOT LEAKING INTO THE BUILDING..THEY ARE ADVISING THEY HAVE IT UNDER CONTROL AND ALMOST HAVE IT CONTAINED AT THIS TIME..THEY DIDN'T WANT A FULL HAZMAT RESPONSE..
Incident Date: 9/18/1989

VCS:
ECS Site ID: 4699
CRL: NFA
Facility Size: 6.56 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 12/08/2008
End Date: 12/08/2008
Project Manager Name: Katie Robertson
Program: ICP

ECSI:
State ID Number: 4699
Study Area: False
Legislatve ID: 831
Brown ID: 0
Region ID: 3
Investigation: No Further Action

(Continued) **S105523306**

FACA ID:	1205	Further Action:	0
Lat/Long (dms):	44 56 41.60 / -123 3 18.40	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1200	Size:	6.56 acres
NPL:	False	Orphan:	False
Updated By:	KROBERT	Update Date:	12/15/2008
Alias Name:	Chiquita Processed Foods		
Alias Name:	Truitt Bros.		

Hazardous Release:

Substance ID.:	121781
Haz Release ID:	387704
Qty Released:	unk
Date Released:	unk
Update Date:	02/23/2011
Update By:	GWISTAR
Substance Code:	79-01-6
Substance Name:	TRICHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8523
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8545
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8523
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8545
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	317517
Sub Alias Name:	ETHINYL TRICHLORIDE
Substance Alias ID:	317518
Sub Alias Name:	ETHYLENE TRICHLORIDE
Substance Alias ID:	317519
Sub Alias Name:	TCE
Substance Alias ID:	317520
Sub Alias Name:	TRI-CLENE
Substance Alias ID:	317521
Sub Alias Name:	TRICHLOROETHENE

Narrative:

NARR ID:	5748596
NARR Code:	Data Sources
Created By:	MENGLIS
Created Date:	09/05/2006

(Continued) **S105523306**

Updated By: MENGLIS
Updated Date: 09/05/2006
NARR Comments: Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, December 2003 Additional Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, February 2004

NARR ID: 5748593
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 01/12/2007
NARR Comments: Groundwater: 1,1,1-trichloroethane, 1,1-dichloroethane, chloroform, cis-1,2-dichloroethene, dichlorofluoromethane, perchloroethene, trichloroethene.

NARR ID: 5748594
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 04/02/2009
NARR Comments: (8/30/06 GB/VCP) More data is needed on-site to determine the source of TCE detected in a groundwater boring on the edge of the property. The site is across the street from a residential area. (9/17/07 KJR/VCP) ICP letter agreement received.

(10/22/08 KJR/VCP) Multiple site investigations have been performe d at the site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.

Based on the groundwater data the highest concentrations of TCE we re detected in borings B-4 (51 ug/l) and MW-3 (64 ug/l). B-4 is near the former vehicle maintenance and machine shop in Building 6, and MW-3 is near the northern corner of the former vegetable preparation building. These data points suggest there could be an as yet unidentified source of TCE on the site. Regionally, groundwater would be expected to flow towards the Willamette River, or to the south-southeast. However, given the lack of groundwater flow data at the site, it is not possible to further define the source of the TCE contamination detected in groundwater.

Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.

Analytical data was compared to generic risk based concentrations (RBCs) listed in DEQ?s RBDM guidance. Detected concentrations of various compounds in soil samples were all less than their most stringent residential generic RBCs for all pathways. Detected

(Continued) **S105523306**

concentrations of various compounds in groundwater samples did not exceed their respective generic RBCs for any relevant receptor or pathway.
The site has been proposed for risk-based closure following a 30 d ay public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific
CSM.
Copy of SI reports and DEQ's Proposed NFA Decision Document are av ailible in the site document section of this database. Public comment period ends
12/1/08.
(12/15/08 KJR/VCP) No comments received. NFA letter issued 12/8/08 , a copy of which is available for viewing in the site document section of this database.

NARR ID: 5750935
NARR Code: Water Use (Current/Reasonably Likely)
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 10/22/2008
NARR Comments: A water beneficial use survey was completed for the Site and surrounding area. Beneficial use of groundwater at the Site or immediate vicinity was not identified. A well survey was completed for the site extending for a +-mile radius. Two water wells were identified over 600 feet southwest of the site. One is not used and the other reportedly is used but no other information on the type of use was given by the property owner.

NARR ID: 5750934
NARR Code: Site History
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 10/22/2008
NARR Comments: The site was developed as a food processing facility in the early 1930s. The site had various configurations through 1963 by which most of the current buildings were in place. A wastewater pond was located on the site from about 1963 through about 1990 at which time the pond was filled and paved over with asphalt. A vegetable processing area was located in the southern portion of the Site. The buildings associated with the vegetable processing area along with a drive through scale and scale house were removed by 2004.
Currently the Site consists of three large warehouses; No. 5, No. 6, and No. 7. Warehouse No. 5 and No. 7 are used to store dry goods. Warehouse No. 5 also contains can labeling equipment. Warehouse No. 6 is used to store canned foods. A small machine shop and vehicle maintenance area was located in Warehouse No. 6 until about 1999.

NARR ID: 5750936
NARR Code: 1922
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 12/15/2008
NARR Comments: [Dec. 2008] Multiple site investigations have been performed at the

(Continued) **S105523306**

site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.

Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.

The site was been proposed for a risk-based closure following a 30 day public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific
CSM.

No Further Action letter issued on 12/8/08. Copy of SI reports, s taff report, and NFA are availible in the site document section of this database.

Administrative Action:

Admin ID:	735856	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	10/22/2008
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	10/22/2008
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	735954	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	12/08/2008	Complete Date:	12/08/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	12/15/2008
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	732800	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	09/05/2006	Complete Date:	09/05/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/05/2006
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

(Continued) **S105523306**

Admin ID:	734165	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/05/2006	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MCLAIR	Created Date:	07/13/2007
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	Signed ITP received, site placed on ICP/VCP Waiting List.		

Admin ID:	734381	Action ID:	9440
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	LTAG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Letter Agreement		
Further Action:	0		
Comments:	Not reported		

Admin ID:	734382	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	12/15/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Not reported		

E37 **HEATING OIL TANK** **LUST** **S104658813**
West **1557 URBAN LN NW** **N/A**
1/4-1/2 **SALEM, OR 97304**
0.266 mi.
1404 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
311 ft.

LUST:

Region:	Western Region
Facility ID:	27-00-5492
Cleanup Received Date:	08/06/2000
Cleanup Start Date:	08/05/2000
Cleanup Complete Date:	**08/31/2000**

E38
West
1/4-1/2
0.266 mi.
1405 ft.

HEATING OIL TANK
1556 URBAN LANE NW
SALEM, OR 97304

Site 2 of 2 in cluster E

LUST **S103422450**
N/A

Relative:
Higher

Actual:
311 ft.

LUST:
Region: Western Region
Facility ID: 27-98-4140
Cleanup Received Date: 08/25/1998
Cleanup Start Date: 08/12/1998
Cleanup Complete Date: Not reported

39
SSW
1/4-1/2
0.277 mi.
1461 ft.

HEATING OIL TANK
1360 FRANKLIN ST NW
SALEM, OR 97304

LUST **S105247491**
N/A

Relative:
Higher

Actual:
152 ft.

LUST:
Region: Western Region
Facility ID: 27-02-5182
Cleanup Received Date: 02/05/2002
Cleanup Start Date: 02/05/2002
Cleanup Complete Date: 02/20/2002

F40
ENE
1/4-1/2
0.283 mi.
1495 ft.

SALEM ELECTRIC
633 SEVENTH ST NW
SALEM, OR 97304

Site 1 of 2 in cluster F

LUST **1000205604**
N/A

Relative:
Lower

Actual:
145 ft.

LUST:
Region: Western Region
Facility ID: 27-90-4203
Cleanup Received Date: 08/30/1990
Cleanup Start Date: 08/29/1990
Cleanup Complete Date: 11/16/1990

G41
NE
1/4-1/2
0.287 mi.
1517 ft.

MIKE'S SEPTIC SERVICE INC
560 GLEN CREEK ROAD NW
SALEM, OR 97304

Site 1 of 2 in cluster G

LUST **U003188869**
UST **N/A**

Relative:
Higher

Actual:
152 ft.

LUST:
Region: Western Region
Facility ID: 27-97-4157
Cleanup Received Date: 10/20/1997
Cleanup Start Date: 10/15/1997
Cleanup Complete Date: Not reported

UST:
Facility ID: 11763
Facility Telephone: -503
Permittee Name: Not reported

MIKE'S SEPTIC SERVICE INC (Continued) **U003188869**

Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

42
WNW
1/4-1/2
0.297 mi.
1570 ft.

HEATING OIL TANK **LUST** **S106476155**
994 KINGWOOD DRIVE NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
338 ft.

LUST:
Region: Western Region
Facility ID: 27-04-1100
Cleanup Received Date: 06/10/2004
Cleanup Start Date: 06/15/2004
Cleanup Complete Date: 06/06/2007

43
ESE
1/4-1/2
0.298 mi.
1576 ft.

OREGON TURKEY GROWERS **LUST** **U000434080**
740 BASSETT ST NW **N/A**
SALEM, OR 97304

Relative:
Lower

Actual:
146 ft.

LUST:
Region: Western Region
Facility ID: 27-89-4211
Cleanup Received Date: 11/20/1989
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

44
NNE
1/4-1/2
0.307 mi.
1620 ft.

HEATING OIL TANK **LUST** **S104304635**
1270 VALLEY VIEW NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
278 ft.

LUST:
Region: Western Region
Facility ID: 27-99-4178
Cleanup Received Date: 12/21/1999
Cleanup Start Date: 12/13/1999
Cleanup Complete Date: 01/03/2000

H45 West 1/4-1/2 0.308 mi. 1626 ft. — **HEATING OIL TANK, 845 RUMSEY NW, SALEM, OR 97304** — **LUST** — **S100498412, N/A**

Site 1 of 3 in cluster H

Relative: Higher

Actual: 286 ft.

LUST:

Region:	Western Region
Facility ID:	24-93-5056
Cleanup Received Date:	03/15/1993
Cleanup Start Date:	05/17/1994
Cleanup Complete Date:	**11/08/1994**

I46 WNW 1/4-1/2 0.309 mi. 1629 ft. — **HEATING OIL TANK, 1045 CRESCENT DR NW, SALEM, OR 97304** — **LUST** — **S105464170, N/A**

Site 1 of 2 in cluster I

Relative: Higher

Actual: 342 ft.

LUST:

Region:	Western Region
Facility ID:	27-02-5437
Cleanup Received Date:	03/15/2002
Cleanup Start Date:	03/11/2002
Cleanup Complete Date:	**04/03/2002**

F47 ENE 1/4-1/2 0.315 mi. 1661 ft. — **WESTGATE CLEANERS, 697 WALLACE RD. NW, SALEM, OR 97304** — **ENG CONTROLS, DRYCLEANERS, ECSI** — **1004365358, N/A**

Site 2 of 2 in cluster F

Relative: Lower

Actual: 144 ft.

OR ENG CONTROL:

Site Control Sequence #:	530
Site Id:	3001
Control Sequence #:	34
Begin Date:	03/05/2007
End Date:	Not reported
Frequency Of Review:	12
Last Reviewed By:	Hanson
Last Review Date:	01/09/2009
Last Updated By:	DHANSON
Last Updated Date:	01/09/2009
Group Sequence #:	8
Control Code:	LS
Control Description:	Liner, synthetic
FK Type Code:	2
Group Code:	SSB
Group Description:	Subsurface Barriers
Type Code:	E
Type Description:	Engineering
Comments:	Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

WESTGATE CLEANERS (Continued) **1004365358**

DRYCLEANERS:

Dry Cleaner ID:	422
Phone ID:	503 364-8900
Current Status:	Closed
Last Update:	11/6/2006
DEQID:	ORD085250413
Latitude:	44.9480012
Longitude:	-123.05149

ECSI:

State ID Number:	3001	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	833	Investigation:	Suspect
FACA ID:	41204	Further Action:	258
Lat/Long (dms):	44 56 52.80 / -123 3 5.40	County Code:	27.00
Score Value:	98	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	DHANSON	Update Date:	01/09/2009

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	379688
Qty Released:	unknown
Date Released:	unknown
Update Date:	01/03/2001
Update By:	Not reported
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE

WESTGATE CLEANERS (Continued) **1004365358**

Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 338339
Feature Id: Not reported
Hazard Release Id: 379688
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 8,900 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121781
Haz Release ID: 379689
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

WESTGATE CLEANERS (Continued) **1004365358**

Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 338340
Feature Id: Not reported
Hazard Release Id: 379689
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 149 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121124
Haz Release ID: 379690
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 156-59-2
Substance Name: DICHLOROETHYLENE,1,2-CIS-
Substance Abbrev.: Not reported
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317200
Sub Alias Name: ACETYLENE DICHLORIDE,CIS-
Substance Alias ID: 317201
Sub Alias Name: DICHLOROETHENE,CIS-
Substance Alias ID: 317202
Sub Alias Name: DICHLOROETHYLENE,CIS-
Substance Alias ID: 317203
Sub Alias Name: DICHLOROETHENE,1,2-CIS-
Sampling Result ID: 337613
Feature Id: Not reported

WESTGATE CLEANERS (Continued) **1004365358**

Hazard Release Id: 379690
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 124 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121712
Haz Release ID: 379691
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 75-71-8
Substance Name: DICHLORODIFLUOROMETHANE
Substance Abbrev.: Not reported
Substance Alias ID: 319390
Sub Alias Name: ARCTON 6
Substance Alias ID: 319391
Sub Alias Name: DIFLUORODICHLOROMETHANE
Substance Alias ID: 319392
Sub Alias Name: FREON 12
Substance Alias ID: 319393
Sub Alias Name: FRIGEN 12
Substance Alias ID: 319394
Sub Alias Name: GENETRON 12
Substance Alias ID: 319395
Sub Alias Name: HALON
Substance Alias ID: 319396
Sub Alias Name: ISOTRON 12
Substance Alias ID: 319397
Sub Alias Name: METHANE,DICHLORODIFLUORO-
Sampling Result ID: 338341
Feature Id: Not reported
Hazard Release Id: 379691
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 77.6 ppb
Last Update By: kpd

WESTGATE CLEANERS (Continued) **1004365358**

Update Date: 03/01/2001

Narrative:

NARR ID: 5741160
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: (4/30/2003 NS/SRS) The Westgate Shopping Center was constructed in the early 1950s in west Salem. Dry cleaning has occurred at the site since at least 1963. In June 2000, the City of Salem detected perchloroethene (PCE) in storm sewer and sanitary sewer lines downgradient of Westgate Cleaners. PCE is a solvent commonly used by dry cleaners. The shopping center retained Evergreen Environmental Management (EEM) to investigate the source of the PCE. EEM sampled soil and groundwater from nine boreholes that they installed along the drain lines throughout the shopping center in November 2000. Groundwater contamination was found in eight of the nine sample locations. The direction of groundwater flow and full extent of the contamination have not been determined. Westgate Cleaners applied to DEQ's Dry Cleaner Environmental Response program in February 2001 and was accepted a month later.

NARR ID: 5741161
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: January 2001 Evergreen Environmental Management Soil and Groundwater Characterization report.

NARR ID: 5741162
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Perchloroethene (PCE) and degradation products.

NARR ID: 5741163
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Located in the Westgate Shopping Center in west Salem.

NARR ID: 5741164
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Dry-cleaning solvent appears to have leaked from storm sewer drain lines in at least two separate locations in the Westgate Shopping Center. Other past and present sources of PCE have not been ruled

WESTGATE CLEANERS (Continued) **1004365358**

out, however.

NARR ID: 5741165
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Westgate Cleaners was operated by Won Kyu Park & Woo Ja Park from June 1983 to February 1994, and Joon Park & Young Park from February 1994 to the present.

NARR ID: 5741166
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: The site is located across the Willamette River from Salem proper. The river is about 2,000 feet south of the site. Soil at the site is brown clayey silt to about 15 ft bgs, where it grades into a sand and gravel aquifer at about 18 ft bgs. The shallow groundwater flow direction has not been determined. Deeper groundwater is used by a handful of residents in the area. A community well serving the City of Salem was located near the site but was decommissioned in the late 1990s.

NARR ID: 5741167
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: NSAWKA
Updated Date: 06/22/2006
NARR Comments: (4/30/2003 NS/DC) DEQ retained Hart Crowser in June 2001 to conduct a focused Site Investigation at Westgate Cleaners. Soil and groundwater samples were collected from beneath Westgate Cleaners and from around the shopping center complex. The Site Investigation report was completed in April 2002. DEQ is currently monitoring groundwater at the site and evaluating various removal actions that may be taken. (2-09-05/NS/DC) DEQ conducted indoor air monitoring of the adjacent buildings including the former Coastal Hardware Store, Ideal Tile, Mexican Restaraunt and the West Salem Kids Care Daycare in August and November 2003. The results indicated elevated levels of PCE and TCE in the air of these buildings. IRAM actions were implemented in October and December 2003 in the daycare building to mitigate the migration of these contaminants. Two air purifiers with carbon filters were placed inside the building to help remove the PCE and TCE contaminants. Upgrades were made to the HVAC system to increase air circulation. Subsequent air sampling indicated that the IRAM's were working effectively to reduce the concentrations of contaminants in the air. The hardware store was vacated at the time of the sampling. The Mexican restaraunt later vacated due to the owner's plans to redevelop the shopping center and Ideal Tile is expected to vacate in the near future. The owner plans to demolish the existing shopping center and re-build a new one. DEQ is currently coordinating with the owner and developer to conduct a limited cleanup at the site during the demolition. This is expected

WESTGATE CLEANERS (Continued) **1004365358**

to commence sometime between April and the summer of 2005.
(7/27/05/NS/DC)The owner is in the process of demolishing and rebuil
ding the shoppping center. Because of the construction activities,
the owner was required to abandon osnite monitoring wells HC-1, 2, 3,
5 and 101. New wells will be constructed by DEQ upon completion of
the new shopping center. The former Westgate Dry cleaner building
and coastal farms store have been demolished. DEQ's contractor (Hart
Crowser) conducted a focussed source area investigation (SAI) by the
dry cleaner on July 6&7, 2005. The purpose of the SAI is to
delineate and define the extent of the source area from the dry
cleaner to evaluate appropriate IRAM actions for removing, treating
and disposing of source area soils from around and beneath the dry
cleaners. Hart Crowser is in the process of developing an IRAM work
plan based on the SAI results. The work plan will be submitted to
DEQ by the end of July and IRAM activities implemented in
August.
(6/22/06/NS/DC) An IRAM was implemented in October 2005 where abo
ut 200 tons of contaminated soils were removed from the source area.
About 50 tons of the soil was determined to be non-hazardous waste
and disposed of at a subtitle D landfill. The reamaining soils are
undergoing onsite treatment to reduce the levels of hazardous
constituents. Treatment is expected to be completed by the end of
this month (end of June 2006). Depending on the final levels, the
soil will either be disposed of at a Subtitle D landfill or re-used
on site for fill base.

NARR ID: 5741168
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: Shallow groundwater at the Westgate Shopping Center is contaminated
with PCE and associated breakdown products. Contamination has been
detected across the shopping center complex but appears to be
concentrated along sanitary and storm sewer drain lines beneath the
parking lots. The full extent of contamination has not been
determined; whether it extends under the shopping center buildings,
and thus poses a potential vapor threat to those buildings, is not
known.

NARR ID: 5751117
NARR Code: 1922
Created By: DHANSON
Created Date: 01/09/2009
Updated By: DHANSON
Updated Date: 12/17/2010
NARR Comments: Westgate Cleaners operated in the Westgate shopping center until 2005
when it closed and relocated. In 2005 the DEQ Dry Cleaner Program
conducted a Removal Action consisting of soil excavation and
treatment at the location of the former cleaners. Following this
cleanup action the shopping center was redeveloped in a new
configuration. At one building at the new shopping center, DEQ
installed a subsurface venting and vapor barrier system, in a
cooperative effot with the site owner and developer, to prevent
residual dry cleaning solvent vapors from impacting the airspace
inside the new building. Subsequent testing of the building air

WESTGATE CLEANERS (Continued) **1004365358**

showed that vapor intrision is currently not a problem in this area. Additional monitoring needs to be conducted by DEQ before the site can attain closure under the Cleanup Program rules.

Site Control:

Site Control #:	530
Control Number:	34
Begin Date:	03/05/2007
End Date:	Not reported
Frequency Of Review:	12
Last Reviewed By:	Hanson
Last Reviewed Date:	01/09/2009
Last Update By:	DHANSON
Last Updated Date:	01/09/2009
Site Comment:	Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

Administrative Action:

Admin ID:	736050	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/24/2005	Complete Date:	11/13/2006
Substance Code:	srs	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Soil removal at the location of the former dry cleaners		

Admin ID:	736051	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/23/2007	Complete Date:	03/05/2007
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Installed sub slab vapor recovery system with engineered vapor barrier beneath Shops B at the new shopping center (approx. former location of West Salem KidCare)		

Admin ID:	736052	Action ID:	9450
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/06/2007	Complete Date:	Not reported
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	OM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	OPERATION and MAINTENANCE		
Further Action:	Medium		
Comments:	Maintain and monitor effectiveness of Shops B vapor mitigation system		

WESTGATE CLEANERS (Continued) **1004365358**

as needed

Admin ID:	726108	Action ID:	9492
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/25/2002	Complete Date:	10/25/2005
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	KDANA	Created Date:	05/06/2003
Action Code:	RMA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL ASSESSMENT		
Further Action:	High-Medium		
Comments:	Evaluating removal alternatives to address high levels of PCE at former cleaners prior to site redevelopment		

Admin ID:	701309	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/04/2001	Complete Date:	04/30/2002
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2340	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	703664	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/01/2001	Complete Date:	Not reported
Substance Code:	CPD	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703665	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/26/2001	Complete Date:	02/28/2001
Substance Code:	SRS	Rank Value:	0
Employee Id:	583	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	134194
Operation Status:	Active
Common Name:	Westgate Cleaners
Yrs of Operation:	1963 to present
Comments:	dry cleaner
Updated Date:	05/06/2003

WESTGATE CLEANERS (Continued) **1004365358**

Operations SIC Id: 197492
SIC Code: 7216
Created By: Not reported
Created Date: 12/17/2002

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48 ENE 1/4-1/2 0.320 mi. 1691 ft. | **BOB'S BURGERS (FORMER)** | **LUST** | **S106476151**
710 WALLACE RD NW | **N/A**
SALEM, OR 97304

Relative: Lower
Actual: 144 ft.

LUST:
Region: Western Region
Facility ID: 27-04-0365
Cleanup Received Date: 03/15/2004
Cleanup Start Date: 11/11/2002
Cleanup Complete Date: 06/21/2011

H49 West 1/4-1/2 0.326 mi. 1722 ft. | **HEATING OIL TANK** | **LUST** | **S109347216**
1575 BONNIE WAY NW | **N/A**
SALEM, OR 97304

Site 2 of 3 in cluster H

Relative: Higher
Actual: 294 ft.

LUST:
Region: Western Region
Facility ID: 27-08-1123
Cleanup Received Date: 09/02/2008
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

J50 East 1/4-1/2 0.327 mi. 1727 ft. | **WALLACE SHELL** | **LUST** | **U004015462**
585 WALLACE RD NW | **UST** | **N/A**
SALEM, OR 97304

Site 1 of 2 in cluster J

Relative: Lower
Actual: 144 ft.

LUST:
Region: Western Region
Facility ID: 27-99-4073
Cleanup Received Date: 06/14/1999
Cleanup Start Date: 06/15/1999
Cleanup Complete Date: 02/17/2011

UST:
Facility ID: 6440
Facility Telephone: (760) 607-4511 x16
Permittee Name: Ron Myhro
Number of Permitted Tanks: 4
Active Tanks: 4
Decommissioned Tanks: 4
Number of Tanks: 8

I51 WNW 1/4-1/2 0.327 mi. 1729 ft. — **HEATING OIL TANK**, **1710 GLEN CREEK RD NW**, **SALEM, OR 97304** — **LUST** — **S108572948** / **N/A**

Site 2 of 2 in cluster I

Relative: Higher

Actual: 350 ft.

LUST:

Region:	Western Region
Facility ID:	27-07-0025
Cleanup Received Date:	01/08/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**02/14/2007**

G52 ENE 1/4-1/2 0.332 mi. 1754 ft. — **RITCHIE CHEVRON**, **1115 WALLACE RD NW**, **SALEM, OR 97304** — **LUST**, **UST** — **U004015460** / **N/A**

Site 2 of 2 in cluster G

Relative: Lower

Actual: 146 ft.

LUST:

Region:	Western Region
Facility ID:	27-90-4082
Cleanup Received Date:	05/16/1990
Cleanup Start Date:	05/16/1990
Cleanup Complete Date:	**Not reported**

Region:	Western Region
Facility ID:	27-97-4060
Cleanup Received Date:	04/07/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	306
Facility Telephone:	(503)364-4903
Permittee Name:	RITCHIE SHELL SERVICE
Number of Permitted Tanks:	2
Active Tanks:	2
Decommissioned Tanks:	4
Number of Tanks:	6

H53 West 1/4-1/2 0.334 mi. 1765 ft. — **HEATING OIL TANK**, **1585 BONNIE WAY NW**, **SALEM, OR 97304** — **LUST** — **S108572697** / **N/A**

Site 3 of 3 in cluster H

Relative: Higher

Actual: 302 ft.

LUST:

Region:	Western Region
Facility ID:	27-07-0571
Cleanup Received Date:	04/26/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**06/21/2007**

K54
North
1/4-1/2
0.340 mi.
1795 ft.

HEATING OIL TANK
1185 LIPINE LAND NW
SALEM, OR 97304

Site 1 of 3 in cluster K

LUST **S100921328**
N/A

Relative:
Higher

Actual:
227 ft.

LUST:

Region:	Western Region
Facility ID:	27-94-4048
Cleanup Received Date:	05/12/1994
Cleanup Start Date:	04/05/1994
Cleanup Complete Date:	**Not reported**

55
West
1/4-1/2
0.347 mi.
1833 ft.

HEATING OIL TANK
1725 SUMMIT AVE NW
SALEM, OR 97304

LUST **S105464169**
N/A

Relative:
Higher

Actual:
337 ft.

LUST:

Region:	Western Region
Facility ID:	27-02-5360
Cleanup Received Date:	03/05/2002
Cleanup Start Date:	02/12/2002
Cleanup Complete Date:	**03/18/2002**

J56
East
1/4-1/2
0.348 mi.
1838 ft.

MENNIS OIL COMPANY
475 TAGGART DR NW / 600 WALLACE RD NW
SALEM, OR 97304

Site 2 of 2 in cluster J

LUST **S101511256**
N/A

Relative:
Lower

Actual:
144 ft.

LUST:

Region:	Western Region
Facility ID:	27-88-4047
Cleanup Received Date:	11/14/1988
Cleanup Start Date:	03/08/1992
Cleanup Complete Date:	**10/31/2008**

K57
North
1/4-1/2
0.363 mi.
1916 ft.

HEATING OIL TANK
1165 LARKSPUR LN NW
SALEM, OR 97304

Site 2 of 3 in cluster K

LUST **S109052077**
N/A

Relative:
Higher

Actual:
220 ft.

LUST:

Region:	Western Region
Facility ID:	27-08-0287
Cleanup Received Date:	03/19/2008
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**04/10/2008**

K58 North 1/4-1/2 0.364 mi. 1923 ft. — **HEATING OIL TANK**, **1315 WEST WAY NW**, **SALEM, OR 97304** — **LUST** — **S102590374**, **N/A**

Site 3 of 3 in cluster K

Relative: Higher

Actual: 229 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4102
Cleanup Received Date:	06/30/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

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59 East 1/4-1/2 0.365 mi. 1926 ft. — **SHELL - 509**, **545 WALLACE RD NW**, **SALEM, OR 97304** — **LUST**, **UST** — **U003998837**, **N/A**

Relative: Lower

Actual: 144 ft.

LUST:

Region:	Western Region
Facility ID:	27-84-4002
Cleanup Received Date:	09/04/1984
Cleanup Start Date:	09/04/1984
Cleanup Complete Date:	**05/24/2010**

Region:	Western Region
Facility ID:	27-96-4113
Cleanup Received Date:	07/12/1996
Cleanup Start Date:	07/11/1996
Cleanup Complete Date:	**05/24/2010**

UST:

Facility ID:	9219
Facility Telephone:	(760) 607-4511
Permittee Name:	Ronald Myhro
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	5
Number of Tanks:	5

L60 SE 1/4-1/2 0.368 mi. 1945 ft. — **OREGON FRUIT PRODUCTS INC**, **150 PATTERSON ST NW**, **SALEM, OR 97304** — **LUST**, **UST** — **U004015459**, **N/A**

Site 1 of 4 in cluster L

Relative: Lower

Actual: 147 ft.

LUST:

Region:	Western Region
Facility ID:	27-93-4020
Cleanup Received Date:	01/28/1993
Cleanup Start Date:	01/28/1993
Cleanup Complete Date:	**04/27/1999**

UST:

Facility ID:	7680
Facility Telephone:	(503) 581-6211

OREGON FRUIT PRODUCTS INC (Continued) **U004015459**

Permittee Name: JERRY DAVENPORT, PLANT ENGINEER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 3
Number of Tanks: 3

L61 SE 1/4-1/2 0.368 mi. 1945 ft.

OREGON FRUIT PRODUCTS LLC
150 PATTERSON ST NW
SALEM, OR 97304

Site 2 of 4 in cluster L

AST VCP NPDES HSIS ECSI

S105744235
N/A

Relative: Lower

Actual: 147 ft.

AST:
Facility Id: 005547
Hazardous Substance: PROPANE
Reporting Quantities: 500-999
Quantity Units: GALLONS
Physical State: GAS
Storage 1: ABOVEGROUND TANK

VCS:
ECS Site ID: 981
CRL: NFA
Facility Size: 4.95 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 06/30/2005
End Date: 07/08/2005
Project Manager Name: Angie Obery
Program: ICP

NPDES:
WQ File Nbr: 64192
Legal Name: OREGON FRUIT PRODUCTS LLC
Region: WR
Pri SIC: 2033
Facility Type: CANNED FRUITS AND VEGETABLES
Latitude: 44.9427
Longitude: -123.0541
Category: STM
Permit Type: GEN12Z
Permit Active: True
Is Active?: Not reported
Permit Description: Stormwater; NPDES specific SIC codes
Expiration Date: 06/30/2012
EPA Number: ORR121304
UIC Facility: False
Admin Agent: Salem Office
Last Action Date: 04/05/2012
Permit Writer: Not reported
Compliance Inspector: Sewell
DMR Reviewer: Sewell
Application Number: 964911
Class: MINOR
Start Date: 11/17/1997

WQ File Nbr: 64192
Legal Name: OREGON FRUIT PRODUCTS LLC

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Region:	WR
Pri SIC:	2033
Facility Type:	CANNED FRUITS AND VEGETABLES
Latitude:	44.9427
Longitude:	-123.0541
Category:	IND
Permit Type:	GEN01
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Industrial Wastewater; NPDES cooling water
Expiration Date:	07/31/2001
EPA Number:	ORG253538
UIC Facility:	False
Admin Agent:	Salem Office
Last Action Date:	11/09/2011
Permit Writer:	Not reported
Compliance Inspector:	Schnurbusch
DMR Reviewer:	Schnurbusch
Application Number:	965880
Class:	MINOR
Start Date:	05/07/1981

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	Not reported
Pri SIC:	2033
Facility Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Category:	Not reported
Permit Type:	GEN12F
Permit Active:	Not reported
Is Active?:	FALSE
Permit Description:	Not reported
Expiration Date:	Not reported
EPA Number:	Not reported
UIC Facility:	Not reported
Admin Agent:	Not reported
Last Action Date:	Not reported
Permit Writer:	Not reported
Compliance Inspector:	Not reported
DMR Reviewer:	Not reported
Application Number:	Not reported
Class:	Not reported
Start Date:	Not reported

HSIS:

Facility Id:	005547
Chemical Is Extremely Hazardous Substance (EHS):	Yes
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	311421
NAICS Desc 1:	FRUIT AND VEGETABLE CANNING
NAICS Code 2:	311411
NAICS Desc 2:	FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING
Manager Name:	PAUL GEHLAR

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Business Phone:	5035816211
Mailing Address:	PO BOX 5283
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	150
Day Phone:	5034859008
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	DOUG DETERING
Emergency Procedure:	PLANT PRODUCTION OFFICE
Business Type:	FRUIT CANNING & FREEZING

Facility:

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742650
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	METHYL ETHYL KETONE
United Nations/north America 4 Digit Class Number:	1193
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1193
Chemical Abstract Service Identifier Number:	78933
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Contains 313: Yes

Facility Id:	005547
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

Facility Id:	005547
Physical State Of The Substance:	1

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Physical State:	SOLID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM CARBONATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	497198
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	005547
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1006
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	981	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	7854	Further Action:	0
Lat/Long (dms):	44 56 34.00 / -123 3 15.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Tax Lots: 1100 Size: 4.95 acres
NPL: False Orphan: False
Updated By: GWISTAR Update Date: 02/26/2009

Narrative:

NARR ID: 5730997
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: AOBERY
Updated Date: 02/07/2005
NARR Comments: (6/1/89 MMD/SAS) Paint chips were collected from a storm drain manhole located on the corner of Patterson and First (NW) in Salem. The chips were analyzed for cadmium, copper, lead, and zinc at the request of a City of Salem Pollution Control Inspector. The chips were coming from outdoor drum cleaning operations conducted by Oregon Fruit Products. The paint chips tested positive for the above listed metals. No soil analyses were performed. (2/7/05 AMO/CU) Company joined the ICP in December 2005. Plan to submit an ICP report for closure in January 2005.

NARR ID: 5730998
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: 1) DEQ Willamette Valley Region (WVR) Water Quality Source file. 2) Inspection reports. 3) Correspondence FROM owner and/or operator. 4) Laboratory results.

NARR ID: 5730999
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: paint, heavy metals

NARR ID: 5745123
NARR Code: Remedial Action
Created By: SNICHOL
Created Date: 06/21/2004
Updated By: GWISTAR
Updated Date: 07/12/2005
NARR Comments: (2/15/05 AMO) No remedial actions known to date. Site joined ICP in December, 2004. ICP report is planned to be delivered to DEQ in February. (4/21/05 AMO) As of this date, no ICP report has been delivered to DEQ for review. Bergeson-Boese & Associates is the environmental contractor for the responsible party.
(7/8/05 AMO/ICP) DEQ received ICP report recommending No Further A ction for review. DEQ accepts ICP report's recommendation of No further action.

Administrative Action:

Admin ID: 718596 Action ID: 9424
Agency: Dept Of Environmental Quality Region: Headquarters

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Start Date:	06/01/1989	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	730438	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2005	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	06/16/2005
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	730601	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/30/2005	Complete Date:	07/08/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	07/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728617	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State screening.		

Admin ID:	728618	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/13/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	0		
Comments:	Not reported		

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Admin ID:	728619	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728620	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	722039	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	729106	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/24/2004	Complete Date:	12/10/2004
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/24/2004
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	On ICP wait list 9/24/04		

Admin ID:	729563	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/10/2004	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	12/27/2004
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Further Action: 0
Comments: Not reported

Operations:
Operation Id: 132280
Operation Status: Active
Common Name: Oregon Fruit Products
Yrs of Operation: Not reported
Comments: Cannery.
Updated Date: 05/01/1995
Operations SIC Id: 194883
SIC Code: 2033
Created By: Not reported
Created Date: 12/17/2002

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62 East 1/4-1/2 0.379 mi. 1999 ft. | **BATTING CAGES** | **LUST** | **S108572954**
675 BARTELL DR NW | **N/A**
SALEM, OR 97304

Relative: Lower
Actual: 144 ft.

LUST:
Region: Western Region
Facility ID: 27-07-0336
Cleanup Received Date: 03/01/2007
Cleanup Start Date: 07/20/2006
Cleanup Complete Date: 05/01/2007

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63 WSW 1/4-1/2 0.397 mi. 2097 ft. | **HEATING OIL TANK** | **LUST** | **S109347082**
774 CASCADE DRIVE NW | **N/A**
SALEM, OR 97304

Relative: Higher
Actual: 262 ft.

LUST:
Region: Western Region
Facility ID: 27-08-1165
Cleanup Received Date: 09/09/2008
Cleanup Start Date: Not reported
Cleanup Complete Date: 06/16/2009

M64 West 1/4-1/2 0.399 mi. 2106 ft. | **HEATING OIL TANK** | **LUST** | **S102417944**
865 KINGWOOD DRIVE WEST | **N/A**
SALEM, OR 97304

Site 1 of 2 in cluster M

Relative: Higher
Actual: 350 ft.

LUST:
Region: Western Region
Facility ID: 27-96-4084
Cleanup Received Date: 05/16/1996
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

L65 SE 1/4-1/2 0.400 mi. 2110 ft. | **CHROME SHOP - EDGEWATER ST. (FORMER)** | **ECSI** | **S106236646**
940 EDGEWATER ST. NW | **N/A**
SALEM, OR 97304

Site 3 of 4 in cluster L

Relative: Lower

Actual: 145 ft.

ECSI:

State ID Number:	3186	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	37891	Further Action:	258
Lat/Long (dms):	44 56 34.10 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	001002337
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/24/2008

Narrative:

NARR ID: 5741817
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments: (5/29/02 BTM/SAS) A September 11, 2000 waste sampling inspection of the site by DEQ?s Hazardous Waste Program, the City of Salem, and EPA Criminal Investigation Division identified sludges and solutions of plating wastes, with metals and cyanide as constituents of concern, in abandoned drums within the building. A subsequent conversation with the City of Salem regarding the history and housekeeping of the facility indicated that significant fluid leakage had occurred inside of the facility, and that during dismantling and removal of plating baths and equipment, it was apparent that floor-level holes had been broken through the back wall. There is concern that floor wash-water was directed toward the holes. The facility has operated since the 1970s.

NARR ID: 5748187
NARR Code: Data Sources
Created By: MCAMARA
Created Date: 06/05/2006
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments: Preliminary Assessment Former Chrome Shop prepared by DEQ for EPA, dated May 29,
2002.
Former Chrome Shop, Draft Site Investigation Report, prepared by W eston Solutions, Inc. for EPA, dated December 30, 2005.

NARR ID: 5741818
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments: (5/29/02 BTM/SAS) GROUNDWATER: This area is currently served by City of Salem water lines, so it is possible that few or none of the

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

domestic wells registered in the site vicinity are used for domestic supply. In addition, it is likely that groundwater flows from the site towards the adjacent Willamette River, so that any contamination from this site would not affect nearby wells anyway. The city obtains its water from an upgradient source in the Santiam River watershed.

SURFACE WATER: Considering subsurface materials at the site, there is potential for subsurface contamination entering surface water via groundwater-to-surface water discharge or from runoff of groundwater seeps on the embankment of the river. Although storm runoff from the property could also reach the river via the storm drain system, subsurface contamination is the more significant source of potential impact to the river (via groundwater discharge to the river).

SOIL: There is potential for exposure via direct contact and inhal ation during any excavation work, and potential for exposure by inhalation of, or direct contact with, dusts or residues for indoor uses of the building.

NARR ID: 5743396
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 04/18/2003
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments: (5/29/02 BTM/SAS) Contaminants associated with the site include cyanide, and metals including but not limited to cadmium, chromium, and lead. Indications of on-site hazardous substance releases include information on poor housekeeping during the facility?s operation, and the significantly cracked concrete floor in the process area. Human health risks associated with the site include potential for inhalation and direct-contact exposures to workers involved with any excavation and/or renovation work at the site, and to future tenants or site workers. The potential for groundwater-to-surface water discharges to the Willamette River poses human health and ecological risks.

Testing of the interior of the building should be done to determin e the direct contact and inhalation risks. Subsurface conditions such as groundwater quality, soil conditions, and site hydrogeology also need to be verified or evaluated in more detail. An EPA Site Inspection (SI) is recommended to address these data gaps.

(6/5/06 M2C/SAS) EPA?s contractor, Weston Solutions, conducted a site investigation in 2005. Weston collected soil samples from multiple depths at 6 locations inside the building, in the parking lot, and along the strip of land behind the building. Four sediment samples were collected from the Willamette River. Soil and sediment background samples were also collected. Samples were analyzed for VOCs, SVOCs, cyanide, hexavalent chromium, and 23 target analytical metals (TAL).

Elevated results were reported in the following areas: Willamet te River
sediment Aluminum ranging from 7020 to 20,800 mg/kg Lead ranging fro m 1.3 to 589
mg/
kg Nickel ranging from 13.91 to 23.5 mg/kg Zinc ranging from 29.4 to 310

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

mg/
kg Former Chrome Shop Antimony ranging from 0.48 to 55.8 mg/kg Ar
senic ranging from 1.2 to 3.4
mg/
kg Chromium from 10.3 to 8,340 mg/kg Iron ranging from 15,500 to 73,
500
mg/
kg Lead ranging from 1.4 to 620 mg/kg Nickel ranging from 10.5 to 3,
070
mg/
kg Thallium ranging from1.3 to 10.6 mg/kg Vanadium ranging from 48.2
to 151 mg/kg
The building is currently occupied by a tattoo parlor (Hot Rod Bet
tie?s) located between a heating stove shop (Mel?s Stoves) on the
east side and an appliance shop (JL?s Appliance) on the west side.
The rear of the building is separated from a paved bike path by a
narrow strip of land and a rock wall covered with blackberry bushes
and a chain-link fence. Beyond the bike path to the southeast are
Highway 22 and the Willamette River.
Sample results were compared to screening values based on possible
impacts to ecological and human receptors. Sample results were
compared to sediment fresh water SLVs for ecological receptors in the
Willamette River, and to soil residential and industrial PRGs for
human receptors. SLVs were exceeded for aluminum, lead, nickel, and
zinc. However, lead and zinc were the only constituents above
background in sediment. Because the sediment samples with elevated
detections (TR003 and TR004) were collected below the Salem?s storm
sewer outfall, these results may not be from site operations.
Residential PRGs were exceeded for antimony, arsenic, chromium, ir
on, lead, nickel, thallium, and vanadium in several locations on-site
at multiple depths. Industrial PRGs were exceeded for chromium. None
of the sample results for soil exceeded hot spot levels.
Using Western Region Supplemental Risk-Based Prioritization System
the site is considered a medium priority for additional assessment
for the following
reasons:
1) Two fresh water SLV were exceeded in sediment and above backgroun
d concentrations. However, the detections may not be related to site
activities.
3) Residential PRGs were exceeded for antimony, arsenic, chromium, i
ron, lead, nickel, thallium, and vanadium. These concentrations were
below hot spot
levels.
4) Industrial PRGs were exceeded for chromium. These concentrations
were below hot spot
levels.
5) There is a potential for onsite workers to come in contact with c
ontaminated shallow soil.

Administrative Action:

Admin ID:	725886	Action ID:	9506
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/29/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	187	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	RSI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

Action: Site Investigation recommended (SI)
Further Action: Medium
Comments: Not reported

Admin ID:	725887	Action ID:	9421
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	01/09/2002	Complete Date:	01/09/2002
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	DS1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to CERCLIS
Further Action: 0
Comments: Not reported

Admin ID:	731890	Action ID:	9444
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	02/14/2006	Complete Date:	02/14/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	02/27/2006
Action Code:	NFRAP	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False

Action: No Further Remedial Action Planned under Federal program
Further Action: 0
Comments: Not reported

Admin ID:	702720	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	2202	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to database
Further Action: Not reported
Comments: Not reported

Admin ID:	702861	Action ID:	9480
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	12/03/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RFPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: Federal Preliminary Assessment recommended
Further Action: Medium
Comments: Not reported

Admin ID:	702862	Action ID:	9456
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2043	Cleanup Flag:	False

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	BASIC PRELIMINARY ASSESSEMENT		
Further Action:	0		
Comments:	Federal PA		

L66 **FORMER CHROME SHOP - EDGEWATER ST** **CERC-NFRAP** **1009463101**
SE **940 EDGEWATER STREET** **ORN001002337**
1/4-1/2 **SALEM, OR 97304**
0.400 mi.
2110 ft. **Site 4 of 4 in cluster L**

Relative:
Lower

Actual:
145 ft.

CERC-NFRAP:

Site ID:	1002337
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	10272556.00000
Person ID:	10270102.00000

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	01/09/2002
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	01/09/2002
Date Completed:	07/28/2003
Priority Level:	Low priority for further assessment
Action:	SITE INSPECTION
Date Started:	12/25/2004
Date Completed:	01/26/2006
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	01/26/2006
Priority Level:	Not reported

---

67 **WEST SALEM CLINIC** **UIC** **S111429889**
SSE **1025 EDGEWATER STREET NE** **LUST** **N/A**
1/4-1/2 **SALEM, OR**
0.401 mi.
2115 ft.

Relative:
Higher

Actual:
152 ft.

OR UIC:

UIC Well #:	1
Type:	5X26
Type Description:	Aquifer Remediation Related
Status:	Active

WEST SALEM CLINIC (Continued) **S111429889**

UIC Number: 14662
Facility Status: Registered & not RA
Lat/Long: 44.9425540 / -123.0547

LUST:
Region: Western Region
Facility ID: 27-11-1098
Cleanup Received Date: 10/07/2011
Cleanup Start Date: 10/06/2011
Cleanup Complete Date: Not reported

68
NNE
1/4-1/2
0.404 mi.
2133 ft.

HEATING OIL TANK **LUST** **S104820485**
791 ORCHARD HEIGHTS RD NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
246 ft.

LUST:
Region: Western Region
Facility ID: 27-00-5887
Cleanup Received Date: 09/15/2000
Cleanup Start Date: 09/12/2000
Cleanup Complete Date: 12/06/2000

M69
West
1/4-1/2
0.413 mi.
2179 ft.

LUST **S102079875**
SPILLS **N/A**

855 KINGWOOD DR NW
SALEM, OR

Site 2 of 2 in cluster M

Relative:
Higher

Actual:
351 ft.

LUST:
Region: Western Region
Facility ID: 24-92-5131
Cleanup Received Date: 11/19/1992
Cleanup Start Date: 06/30/1989
Cleanup Complete Date: 12/30/1994

OR SPILLS:
Year: Not reported
Facility ID: Not reported
Spill Date: 12/10/1993
Material: USED OIL
Quantity: 0
Unit of Measure: Not reported
How Occurred: SPILL DISCOVERED WHILE DECOM.
Release Date: / /
Description: Not reported
Location: Not reported
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: HARLEY SWAIN SUBARU
Responsible Contact: Not reported
Responsible Address: Not reported

(Continued) **S102079875**

Responsible City,St,Zip: Not reported
Responsible Country: Not reported

N70
South
1/4-1/2
0.424 mi.
2240 ft.

EDGEWATER AUTOMOTIVE
1191 EDGEWATER ST NW
SALEM, OR 97304

LUST **U004015454**
UST **N/A**

Site 1 of 2 in cluster N

Relative:
Higher

Actual:
155 ft.

LUST:
Region: Western Region
Facility ID: 27-96-4160
Cleanup Received Date: 11/06/1996
Cleanup Start Date: 01/01/1999
Cleanup Complete Date: Not reported

UST:
Facility ID: 321
Facility Telephone: (503) 371-1427
Permittee Name: PHILLIP FICEK
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 8
Number of Tanks: 8

71
ESE
1/4-1/2
0.427 mi.
2255 ft.

SALEM TENT AND AWNING
280 WALLACE RD. NW
SALEM, OR 97304

LUST **S108060549**
AST **N/A**
HSIS
ECSI

Relative:
Lower

Actual:
146 ft.

LUST:
Region: Western Region
Facility ID: 27-06-1242
Cleanup Received Date: 07/10/2006
Cleanup Start Date: 07/11/2006
Cleanup Complete Date: Not reported

AST:
Facility Id: 002436
Hazardous Substance: DIESEL 2
Reporting Quantities: 50-199
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

HSIS:
Facility Id: 002436
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: No
NAICS Code 1: 314912
NAICS Desc 1: CANVAS AND RELATED PRODUCT MILLS
NAICS Code 2: 000000

SALEM TENT AND AWNING (Continued) **S108060549**

NAICS Desc 2:	Not reported
Manager Name:	TERRY L WATSON
Business Phone:	5033634788
Mailing Address:	PO BOX 5274
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	14
Day Phone:	5033634788
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	TERRY WATSON
Emergency Procedure:	Not reported
Business Type:	TENT & AWNING MFG

Facility:

Facility Id:	002436
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	68476346
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4

SALEM TENT AND AWNING (Continued) **S108060549**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	5221	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	112504	Further Action:	0
Lat/Long (dms):	44 56 43.80 / -123 2 55.70	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	SSADOFS	Update Date:	08/07/2012
Alias Name:	LUST 27-06-1242		

Narrative:

NARR ID:	5751852
NARR Code:	Hazardous Substance/Waste Types
Created By:	IBALCOM
Created Date:	11/18/2009
Updated By:	IBALCOM
Updated Date:	11/18/2009
NARR Comments:	Diesel range petroleum hydrocarbons

NARR ID:	5751854
NARR Code:	Manner of Release
Created By:	IBALCOM
Created Date:	11/18/2009
Updated By:	IBALCOM
Updated Date:	11/18/2009
NARR Comments:	Leaking heating oil tank

NARR ID:	5751853
NARR Code:	Media Contamination
Created By:	IBALCOM
Created Date:	11/18/2009
Updated By:	IBALCOM
Updated Date:	11/18/2009
NARR Comments:	Soil and groundwater

NARR ID:	5754126
NARR Code:	Remedial Action
Created By:	SSADOFS
Created Date:	08/07/2012
Updated By:	SSADOFS
Updated Date:	08/07/2012

SALEM TENT AND AWNING (Continued) **S108060549**

NARR Comments: (8/7/12 SJS/VCP) Site has been investigated and there is no evidence of any contamination other than that documented from LUST #27-06-1242. The site will be evaluated and reviewed under the HOT program.

NARR ID: 5751851
NARR Code: 1922
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: EKELLEY
Updated Date: 05/01/2012
NARR Comments: [Nov. 2009] Excerpt (below) from report received June 2008 (see associated webdocs entry for complete report).

Also see LUST log #27-06-1242 On June 29, 2006, initial soil sample was collected at the east end of the 500 gallon heating oil tank. The tank was located on the north side of the building. Upon collection ofthe soil sample, there was a strong odor of petroleum. This soil sample, collected at 7.5 feet below ground surface (bgs) beneath the east end of the underground heating oil tank (tank), detected diesel, gas and heavy oil. This soil sample also contained 56.2 parts per million (ppm) gasoline and 3,520 ppm diesel total petroleum hydrocarbons (TPH). A second soil sample was collected at the soil water interface at 14.5 feet bgs. This sample detected gasoline, diesel, and heavy oil and the TPH results were 21.3 ppm gasoline and 15,700 diesel.

The tank was removed from the ground on July 24, 2006, and delivered to Cherry City Metals in Salem for recycling. The fluids inside ofthe tank were taken to Oil Re-Refining Company (ORRCO), a petroleum recycler. Additionally, eight hundred (800) gallons of water was pumped from the excavation and recycled by ORRCO.

Contaminated soil was removed from the area below and next to the former tank. Six (6) dump truck loads of soil was removed and taken to Riverbend Landfill in McMinnville. The total tonnage was 77.58 tons. The excavation was 20 feet deep, 16 feet long (north to south), and 12 feet wide (east to west).

Soil and groundwater samples were collected from the excavation. The groundwater sample was collected with a plastic bailer after the pit recharged in 24 hours. The water sample contained 4.51 ppm diesel TPH, 0.182 ppm gasoline, TPH, and 0.00829 ppm lead. Also detected were Acenaphthene at 2.28 parts per billion (ppb), Fluorene at 7.26 ppb, and n-Propylbenzene at 1.13 ppb. Confirmation soil samples were collected from the sides of the excavation, the excavation floor, and the soil-water interface (north and south at 13 feet bgs). The north sidewall's NWTPH-Dx result at nine (9) feet bgs was 15,700 ppm and at 13 feet bgs it was 2,550 ppm. No benzene, toluene, ethylbenzene, or total xylenes (BTEX) compounds were detected. The south pit wall's 13 feet bgs Dx result was 2,420 ppm diesel with no BTEX compounds detected. Samples from the east and west sidewalls had Dx results of below 50 ppm at nine (9) feet bgs. These samples contained no diesel, BTEX or polynuclear aromatic compound (PAH) compounds above the laboratory

SALEM TENT AND AWNING (Continued) **S108060549**

reporting limits or risked based screening levels.
Delineation soil samples were obtained from the north, south, and we st side walls of the excavation. There was a six (6)-inch diameter storm sewer buried four (4) feet bgs intersecting the southwest comer of the excavation. The PVC pipe did not have any cracks, and there was no petroleum contamination around the pipe that was bedded in silty loam soil. The south excavation and delineation sidewall samples were completed next to this storm sewer line. The delineation borings showed a reduction in contaminant levels in all directions in the 10-13 feet bgs horizon from three (3) to six (6) feet into the north, south, east, and west sidewalls. Impact in the south sidewall was not defined to below 500 ppm, and levels beneath the building decreased from 2,420 ppm to 982 ppm after six (6)
feet. The pit was backfilled with crushed rock on July 25, 2006.

Administrative Action:

Admin ID:	736665	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/30/2009	Complete Date:	06/30/2009
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	736666	Action ID:	9476
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/09/2009	Complete Date:	06/09/2009
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	REFER	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to Program		
Further Action:	Medium-Low		
Comments:	See LUST 27-06-1242, site is a HOT site.		

Admin ID:	740081	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/07/2012	Complete Date:	Not reported
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/07/2012
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Further review suggests the site will be evaluated as a Heating Oil Tank site, there is no evidence of other contamination.		

N72
South
1/4-1/2
0.437 mi.
2305 ft.

OFFICE BUILDING (REAR)
1223 EDGEWATER ST NW
SALEM, OR 97304

Site 2 of 2 in cluster N

LUST **U000433802**
UST **N/A**

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	27-88-4055
Cleanup Received Date:	10/25/1988
Cleanup Start Date:	10/25/1988
Cleanup Complete Date:	**11/07/2003**

UST:

Facility ID:	8981
Facility Telephone:	(503) 399-2282
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

Facility ID:	8980
Facility Telephone:	(503) 399-2282
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

73
NNW
1/4-1/2
0.444 mi.
2343 ft.

HEATING OIL TANK
1370 NW PARKWAY DR
SALEM, OR 97304

LUST **S110292706**
N/A

Relative:
Higher

Actual:
199 ft.

LUST:

Region:	Western Region
Facility ID:	27-10-0139
Cleanup Received Date:	02/25/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

74
WSW
1/4-1/2
0.480 mi.
2534 ft.

HEATING OIL TANK
691 RIVERVIEW DR NW
SALEM, OR 97304

LUST **S110141228**
N/A

Relative:
Higher

Actual:
330 ft.

LUST:

Region:	Western Region
Facility ID:	27-09-1080
Cleanup Received Date:	10/26/2009
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**12/14/2009**

75
WSW
1/4-1/2
0.484 mi.
2555 ft.

HEATING OIL TANK
741 KINGWOOD DR NW
SALEM, OR 97304

LUST **S105076287**
N/A

Relative:
Higher

Actual:
352 ft.

LUST:
Region: Western Region
Facility ID: 27-01-6330
Cleanup Received Date: 06/27/2001
Cleanup Start Date: 06/25/2001
Cleanup Complete Date: 08/07/2001

76
SW
1/4-1/2
0.485 mi.
2559 ft.

HEATING OIL TANK
578 CASCADE DRIVE NW
SALEM, OR 97304

LUST **S110292651**
N/A

Relative:
Higher

Actual:
282 ft.

LUST:
Region: Western Region
Facility ID: 27-10-0122
Cleanup Received Date: 02/23/2010
Cleanup Start Date: Not reported
Cleanup Complete Date: 05/11/2010

O77
West
1/4-1/2
0.489 mi.
2582 ft.

HEATING OIL TANK
902 WINDEMERE DR NW
SALEM, OR 97304

Site 1 of 2 in cluster O

LUST **S105464171**
N/A

Relative:
Higher

Actual:
346 ft.

LUST:
Region: Western Region
Facility ID: 27-02-5572
Cleanup Received Date: 04/03/2002
Cleanup Start Date: 01/14/1994
Cleanup Complete Date: 05/20/2002

O78
West
1/4-1/2
0.489 mi.
2584 ft.

HEATING OIL TANK
1902 SUMMIT AVE NW
SALEM, OR 97304

Site 2 of 2 in cluster O

LUST **S106856965**
N/A

Relative:
Higher

Actual:
350 ft.

LUST:
Region: Western Region
Facility ID: 27-05-0472
Cleanup Received Date: 03/14/2005
Cleanup Start Date: 03/14/2005
Cleanup Complete Date: 04/11/2005

79 WSW 1/4-1/2 0.500 mi. 2638 ft. | **HEATING OIL TANK**
671 NW KINGWOOD DR
SALEM, OR 97304 | **LUST** | **S106475173**
N/A

Relative: Higher

Actual: 363 ft.

LUST:

Region:	Western Region
Facility ID:	24-04-0839
Cleanup Received Date:	05/11/2004
Cleanup Start Date:	05/14/2004
Cleanup Complete Date:	**08/20/2004**

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80 ESE 1/2-1 0.822 mi. 4340 ft. | **SALEM GAS MANUFACTURING SITE**
CHEMEKETA AND WATER STREETS
SALEM, OR 97301 | **EDR MGP** | **1008408803**
N/A

Relative: Higher

Actual: 155 ft.

Manufactured Gas Plants:

Alternate Name:SALEM GASLIGHT CO; PORTLAND ELECTRIC POWER CO; PORTLAND GAS AND COKE CO. No additional information available

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81 ESE 1/2-1 0.955 mi. 5042 ft. | **ROBERSON MOTORS SITE (OLD)**
435 COMMERCIAL ST NE
SALEM, OR 97310 | **FINDS**
LUST
ECSI | **1006857263**
N/A

Relative: Higher

Actual: 158 ft.

FINDS:

Registry ID: 110014196850

Environmental Interest/Information System

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.

LUST:

Region:	Western Region
Facility ID:	24-90-4224
Cleanup Received Date:	09/04/1990
Cleanup Start Date:	09/04/1990
Cleanup Complete Date:	**09/18/1992**

Region:	Western Region
Facility ID:	24-90-4330
Cleanup Received Date:	01/09/1991
Cleanup Start Date:	12/18/1990
Cleanup Complete Date:	**09/18/1992**

ECSI:

State ID Number:	1622	Brown ID:	0
Study Area:	False	Region ID:	3

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Legislatve ID:	832	Investigation:	Suspect
FACA ID:	9033	Further Action:	260
Lat/Long (dms):	44 56 39.80 / -123 2 19.70	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	06/08/2011

Hazardous Release:

Substance ID.:	121059
Haz Release ID:	384569
Qty Released:	unknown
Date Released:	unknown
Update Date:	11/14/1994
Update By:	Not reported
Substance Code:	1336-36-3
Substance Name:	PCBs
Substance Abbrev.:	Not reported
Substance Category ID:	8558
Substance Category:	PCB Substances for the OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8558
Substance Category:	PCB Substances for the OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
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
Sampling Result ID:	342996
Feature Id:	Not reported
Hazard Release Id:	384569
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	Not reported
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	11/01/1992
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	4.5 ppm
Last Update By:	ars
Update Date:	11/14/1994

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Narrative:

NARR ID: 5734510
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Gasoline, diesel fuel, and PCB impacts to soil at a former auto dealer. Discovered during site renovation in 1991. PCBs detected in soil near hydraulic lift location. Gasoline and diesel also impact groundwater.

NARR ID: 5734511
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Western Region LUST files #24-90-4330 and #24-91-4112.

NARR ID: 5734512
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: PCBs from hydraulic oil

NARR ID: 5734513
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Unknown

NARR ID: 5734514
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Site has been renovated and now has an office building and a bridge on-ramp. The site is located approximately 800 feet east of Willamette River.

NARR ID: 5734515
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: LUST program to continue its investigation. Site has low priority in LUST.

NARR ID: 5734516
NARR Code: Health Threats

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Potential groundwater contamination

Administrative Action:

Admin ID:	717182	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1994	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719538	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1994	Complete Date:	10/27/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719540	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719541	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/27/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719566	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/27/1994	Complete Date:	11/08/1994

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719567	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713964	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/04/1995	Complete Date:	10/04/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	657	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715406	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	LUST program to take the lead.		

Admin ID:	702275	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/20/2001	Complete Date:	09/20/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	767	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	Not reported		
Comments:	Listing aborted due to lack of regional follow-through.		

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Admin ID:	712236	Action ID:	9431
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	04/02/1997	Complete Date:	04/02/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	HOLD	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Place on hold		
Further Action:	Not reported		
Comments:	On hold pending outcome of PCB Generic Remedy.		

Operations:

Operation Id:	132955
Operation Status:	Active
Common Name:	Robertson Motors Site
Yrs of Operation:	58 years
Comments:	auto dealership
Updated Date:	05/01/1995
Operations SIC Id:	195859
SIC Code:	5012
Created By:	Not reported
Created Date:	12/17/2002

82
East
1/2-1
0.964 mi.
5090 ft.

FIRST BAPTIST CHURCH OF SALEM **ECSI** **S106497257**
510 COMMERCIAL STREET NE **N/A**
SALEM, OR 97301

Relative:
Higher

Actual:
158 ft.

ECSI:

State ID Number:	4168	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	83639	Further Action:	0
Lat/Long (dms):	44 56 42.40 / -123 2 15.70	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	MENGLIS	Update Date:	06/30/2004

Narrative:

NARR ID:	5745071
NARR Code:	Remedial Action
Created By:	MENGLIS
Created Date:	06/01/2004
Updated By:	MENGLIS
Updated Date:	06/01/2004
NARR Comments:	While working on renovation of the parking lot, suspect material was encountered. Three soil samples were collected (1 from the excavated area and 2 from stockpiled material). All samples were analyzed for hydrocarbons, waste oil, and VOCs. Based on laboratory results, it appears that the petroleum contamination was most likely from a small surface spill or applied to gravel for dust control prior to concrete paving of the site. A total of 300.09 tons of petroleum contaminated soil was transported and disposed of at Coffin Butte Landfill. No

FIRST BAPTIST CHURCH OF SALEM (Continued) **S106497257**

file record was found in DEQ?s LUST or ESRI systems for this address. The site assessment section recommends no further action at this site.

Administrative Action:

Admin ID:	728558	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/01/2004	Complete Date:	06/01/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	728559	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728560	Action ID:	9419
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	DNTL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Decision Not to List Site (on the CRL or Inventory)		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728561	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

83
SE
1/2-1
0.969 mi.
5118 ft.

BOISE CASCADE - MINTO ISLAND
315 COMMERCIAL STREET
SALEM, OR 97302

SPILLS
INST CONTROL
VCP
BROWNFIELDS
ECSI

S105613656
N/A

Relative:
Higher

Actual:
153 ft.

OR SPILLS:

Year: Not reported
Facility ID: 09-1411
Spill Date: Not reported
Material: Not reported
Quantity: 5
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 06/26/2009
Description: Staton Demolition reported the release of 5 gallons of hydraulic fluid to Pringle Creek at the Boise Cascade construction site. Booms were applied to seen, leak source has been stopped. City of Salem Environmental Services responded to the scene.
Location: Not reported
Lat/Long: 44.936 / -123.0507
Source: Business
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Staton Demolition
Responsible Contact: Ron Richey
Responsible Address: PO Box 7515
Responsible City,St,Zip: Eugene, OR 97401-0020
Responsible Country: LANE

Year: Not reported
Facility ID: 09-1411
Spill Date: Not reported
Material: Not reported
Quantity: 5
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 06/26/2009
Description: Staton Demolition reported the release of 5 gallons of hydraulic fluid to Pringle Creek at the Boise Cascade construction site. Booms were applied to seen, leak source has been stopped. City of Salem Environmental Services responded to the scene.
Location: Not reported
Lat/Long: 44.936 / -123.0507
Source: Business
Material: Not reported
Media: Not reported
Responsible Company: Staton Demolition
Responsible Contact: Ron Richey
Responsible Address: PO Box 7515
Responsible City,St,Zip: Eugene, OR 97401-0020
Responsible Country: LANE

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: Not reported
Spill Date: Not reported
Material: Not reported
Quantity: 0
Unit of Measure: Not reported
How Occurred: Not reported
Release Date: / /
Description: Not reported
Location: Not reported
Lat/Long: Not reported

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: Not reported
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
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Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

OR INSTUTIONAL CONTROL:

Site Control Sequence #:	550
Site Id:	355
Control Sequence #:	5
Begin Date:	03/28/2000
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Mary Camarata, DEQ
Last Review Date:	03/15/2009
Last Updated By:	GWISTAR
Last Updated Date:	06/08/2009
Group Sequence #:	2
Control Code:	USL
Control Description:	Use Restriction Land
FK Type Code:	1
Group Code:	PR
Group Description:	Proprietary
Type Code:	I
Type Description:	Institutional
Comments:	Property suitable only for industrial uses unless further investigation and possibly remedial actions are completed.

VCS:

ECS Site ID:	4427
CRL:	NFA
Facility Size:	Approx. 13
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	05/01/2007
End Date:	06/13/2007
Project Manager Name:	Angie Obery
Program:	ICP

ECS Site ID:	355
CRL:	SUS
Facility Size:	70 acres
Action:	No Further Action (Conditional)
Start Date:	02/28/2000
End Date:	03/28/2000
Project Manager Name:	Michael McCann
Program:	VCP

OR BROWNFIELDS:

Geolocation Id:	60621
Status:	NO FURTHER STATE ACTION REQUIRED
Lat/Long:	44.9382 / -123.041

ECSI:

State ID Number:	355	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	98197	Further Action:	258
Lat/Long (dms):	44 56 9.60 / -123 3 2.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Section Coord: 27
Tax Lots: 200
NPL: False
Updated By: MROSENB
Alias Name: Minto-Brown Site
Qtr Section: Not reported
Size: 70 acres
Orphan: False
Update Date: 03/23/2011

Hazardous Release:
Substance ID.: 121671
Haz Release ID: 383793
Qty Released: unknown
Date Released: continuous
Update Date: 07/09/1988
Update By: Not reported
Substance Code: 7440-47-3
Substance Name: CHROMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319294
Sub Alias Name: CHROMIUM, TOTAL
Substance Alias ID: 318145
Sub Alias Name: CHROMIUM, INORGANIC
Comment ID: 303954
Release Code: Data Sources
Release Comments: Geohydrologic Study by Russ Fetrow Engineering; rec'd by DEQ 6/86
Sampling Result ID: 346254
Feature Id: Not reported
Hazard Release Id: 383793
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .72
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121639
Haz Release ID: 385645
Qty Released: unknown
Date Released: continuous
Update Date: 07/09/1988
Update By: Not reported
Substance Code: 7439-92-1

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303953
Release Code: Data Sources
Release Comments: Geohydrologic Study by Russ Fetrow Engineering; rec'd by DEQ 6/86
Sampling Result ID: 346255
Feature Id: Not reported
Hazard Release Id: 385645
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .70
Sample Comment: 0.05 ppm
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121664
Haz Release ID: 382086
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-38-2
Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Sampling Result ID: 340691

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Feature Id: Not reported
Hazard Release Id: 382086
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .34
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121665
Haz Release ID: 382087
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-39-3
Substance Name: BARIUM
Substance Abbrev.: Not reported
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319287
Sub Alias Name: BA
Sampling Result ID: 340692
Feature Id: Not reported
Hazard Release Id: 382087
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: 3.30
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999
Sampling Result ID: 340693
Feature Id: Not reported

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Hazard Release Id: 382087
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: 3.30
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121668
Haz Release ID: 382088
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-43-9
Substance Name: CADMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319291
Sub Alias Name: CD
Sampling Result ID: 340694
Feature Id: Not reported
Hazard Release Id: 382088
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .00
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121643
Haz Release ID: 382089

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7439-97-6
Substance Name: MERCURY
Substance Abbrev.: Not reported
Substance Category ID: 8467
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8467
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
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
Sampling Result ID: 340695
Feature Id: Not reported
Hazard Release Id: 382089
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .00
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Narrative:
NARR ID: 5728675
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/7/88 MMD/SAS) Groundwater study conducted upon closure of the facility confirmed the presence of arsenic, barium, chromium, and lead above drinking water standards. Contamination may be result of leaching from gravels on Minto Island where Boise Cascade stored pulp liquor in an unlined pond. The contamination also causes a black band to appear in the Willamette River and Slough during each low-flow period. (7/26/99 BTM) The only analytical data available are monitoring well results (1983-1985) indicating no volatile organics

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

and elevated metals concentrations. (1/5/00 M5M) Boise Cascade conducting a supplemental site assessment study of groundwater & clarifier solids to assess impacts. (3/28/00 M5M) Analytical results from soil and groundwater samples indicate no elevated levels of metals, PAHs or dioxins are present at the site. Pond sludge appears to have completely degraded.

NARR ID: 5752180
NARR Code: Data Sources
Created By: MCAMARA
Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: Minto Island Environmental Facilities Closure Plan Report, Amended, prepared by Russ Fetrow Engineers, dated September 1984.
Minto Island Environmental Facilities Closure Plan Report, Appendi x, prepared by Russ Fetrow Engineers, dated September 1984.
Internal Memorandum, Analystical Data Reports, prepared by Barr, d ated December 13, 1999 Expanded Preliminary Assessment, prepared by Barr, dated March Not reported 2000.
Phase I Environmental Site Assessment, Boise Cascade Minto Island Industrial Property, prepared by CH2M Hill, January 2007.
Supplemental Risk Evaluation, Boise Cascade Minto Island, prepared by CH2M Hill, dated June 4, 2007.
Boise Cascade Minto Island Property Review of June 4, 2007 Supplem ental Risk Evaluation, Boise Cascade Minto Island, prepared by GeoEngineers, dated November 29, 2007.
Boise Cascade Minto Island Property Environmental Review and Data Gap Analysis, prepared by GeoEngineer, dated December 3, 2007.
Response to GeoEngineers Comments, prepared by CH2M Hill, dated Fe buary 10, 2008.
Strategy Recommendation by DEQ, dated July 29, 1999. Site Sum mary Report, by DEQ, dated March 23, 2000.

NARR ID: 5728676
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: heavy metals - chromium, lead, mercury dioxins in sediment ammonia in buried sludge

NARR ID: 5752182
NARR Code: Project Issues Summary
Created By: MCAMARA
Created Date: 05/19/2010
Updated By: MCAMARA

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Updated Date: 05/21/2010
NARR Comments: In 1987, the treatment ponds were closed, and the Water Quality Program issued a closure letter with conditions. In 1999, the Site Assesment Program evaluated the site for residual contamination and ranked it a high priority for further evaluation.
From in early 2000, Boise Cascade conducted a site evaluation. In April 2000, the Cleanup Program issued a conditional NFA for industrial site uses.
In 2007, Boise Cascade collected samples to obtain site closure fo r un-restricted use as park. In 2008, DEQ requested additonal samples and site information. Boise Cascade elected to leave the Cleanup Program and work independently.

NARR ID: 5748591
NARR Code: Site Location
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: MENGLIS
Updated Date: 09/05/2006
NARR Comments: Boise Cascade?s Minto Island site occupies approximately 70 acres on the northern tip of Minto Island and is bordered by the Willamette Slough to the east, and the Willamette River to the northwest. The closed Boise Cascade mill (ECSI #4427) is located directly across the slough from the site.

NARR ID: 5728677
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Practice of storing pulp mill liquors in unlined ponds on island. Time of release: 1960-1985. Waste also included clarifier solids; clarifier treated bleach plant wastewater and sulfite pulping liquor. ASB Ponds discharged to Willamette River via an NPDES discharge prior to 1982. Seepage from the ponds to the Willametter River and Willamette Slough continued after inflow to the ponds ceased. Water discoloration in the Willamette Slough was visible until approximately 1996.

NARR ID: 5752179
NARR Code: Media Contamination
Created By: MCAMARA
Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: Metals were detected in groundwater.
Metals were detected in soil and sludge. Dioxins were detected in s oil, sludge, and sediments.

NARR ID: 5728678
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 05/21/2010

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

NARR Comments:(9/7/88 MMD/SAS) Proper closure of industrial solid waste site; removal of sludges and closure of emergency holding pond; measurement of sludge in 2 aeration basins; removal of asbestos, liquid and solid wastes and PCBs remaining in pulp mill complex; comprehensive groundwater study.

(2/11/94 DMC/SAS) Site needs to be screened by Western Region Site Assessment Staff to determine if it meets the confirmed release definition.

(7/26/99 BTM) No confirmation samples from the emergency holding p ond were collected after sludge removal. Sludges were not removed from the other two ponds. Solids from the same source as the sulfite pulp liquor also present in two adjacent burial areas. No characterization of wastes has been conducted. High priority for an Expanded Preliminary Assessment (XPA).

(1/5/00 M5M) Boise Cascade conducting a supplemental site assessme nt study through Cleanup Program to evaluate current site conditions & assess environmental impacts of facility. Study to include groundwater sampling and soil sampling from the solids burial area and former emergency holding pond.

(3/28/00 M5M/VCS) Groundwater and soil sampling do not indicate an y impact or threat to human health or the environment given current site conditions (industrial use) and maintaining of permit closure requirements. No further action required at this time for Minto-Brown Site. (The Willamette River and Willamette Slough were not evaluated during the supplemental site assessment in 2000.)

2/29/08 M2C/ICP) - Summary of Site There are currently 3 areas wi th caps covering waste: the Emergency Holding Pond, the Buried Solids Area, and the Old Landfill. In addition, there is a 50 million-gallon (MG) pond containing less than 1 foot of solids and about 5 feet of water, and there is a 100-MG pond containing less than 1 foot of solids and no water. The vegetation looks stressed or is absent in some areas of the 100-MG pond.

Boise Cascade has closed down plant operation and sold the downtow n portion of the mill site. Boise has put the Minto-Brown site on the market. Oregon State Parks is considering purchasing the property if the Minto-Brown site is safe for recreatational and ecological users.

In February 2007 Boise Cascade sampled areas outside of Boise Casc ade operations, the 50-MG pond solids, the 50-MG pond water, the 100-MG pond solids/soil, the Buried Solids Area cap, and the Old Landfill cap. The purpose of the sampling was evaluate the site for change in use from a industrial site to a park.

Boise Cascade summerized the analytical results in the Supplementa l Risk Evaluation, Boise Cascade, Minto Island Report prepared by CH2M Hill and dated June 4, 2007.

DEQ provided response comments on August 1, 2007. DEQ requested ad ditional information about the completeness of the sampling. Boise Cascade responded to DEQ comments on September 2007 and provided additional information on how samples were collected and a 1984 closure plan.

DEQ evaluted the new information including reports and proposed si te use. DEQ prepared a memo dated January 18, 2008 on data gaps on the upland portion of Minto-Brown, the Willamette River, and the Willamette Slough. Boise Cascade did not agree with DEQ assessment and summarized their response in a February 10, 2008 Memo prepared by CH2M Hill.

On February 11, 2008 Boise Cascade terminated the cleanup agreeme

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

nt with DEQ. DEQ closed out the project as of February 29, 2008 and has not responded to Boise-Cascade's last memo.
(5/22/08 M2C) Oregon State Parks continues to negotiate with Boise Cascade to complete upland sampling and possible sampling of the Willamette River and Willamette Slough.
Boise Cascade elected not to collected additional samples to obtai n an un-restricted NFA and the potential property transaction with Oregon Parks was cancelled. The conditional NFA for industrial uses with permit closure requirement is still in effect. The supplemental data collected in 2007 indicated that a recreational path providing access to City's park would not prose a risk to people. Access should be restrict to areas not on recreational path.
The City of Salem is working with Boise Cascade to obtain an easem ent for a recreational path through the industrial area on the island to the City's park. Boise Cascade would like to drain the 50-MG pond for safety reasons prior to granting an easement to the City.
(5/19/10 M2C) DEQ evaluated the site using environmental informati on provided after the 2000 conditional NFA was issued. A new Site Assessment Priorization System (SAPs) score was completed by staff. The site ranks a medium priorty for additonal site characterization in the following
areas:
1) potential impacts to surface water and sediments in the Willamett e River and Willamette Slough from residual contamination in the capped areas and treatment ponds,
and 2) upland areas partially evaluated by Boise Cascade.

NARR ID: 5752188
NARR Code: 1922
Created By: MCAMARA
Created Date: 05/21/2010
Updated By: GWISTAR
Updated Date: 06/17/2010
NARR Comments: [May 2010] On Minto-Brown Island, Boise Cascade used wastewater stabilization basins to treat process mill waste, and constructed other solid waste disposal sites. The associated permits were closed in the 1980s. The closure requirements included maintaining caps on the solid waste disposal sites and maintaining water levels in the stabilization basins sufficiently above the sludge layer to prevent odors. At that time, DEQ noted that impacts to groundwater, the Willamette River, and the Willamette Slough would likely continue for decades.
In 2000 and 2007, samples were collected in industrial areas of th e site, to evaluate residual contamination. The site received a conditional NFA for industrial site use in 2000. Conditions on the NFA included: 1) limiting the site to industrial use; 2) maintaining caps; and 3) restricting site access to a proposed recreational walking path that is protective for recreational users and for future occupational
workers.
Due to historical releases from the wastewater stabilization basin s to the Willamette River and Willamette Slough, more assessment is required in both water bodies.

Site Control:
Site Control #: 550
Control Number: 5
Begin Date: 03/28/2000

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Mary Camarata, DEQ
Last Reviewed Date: 03/15/2009
Last Update By: GWISTAR
Last Updated Date: 06/08/2009
Site Comment: Property suitable only for industrial uses unless further investigation and possibly remedial actions are completed.

Administrative Action:

Admin ID:	718318	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/07/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724001	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	708786	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/04/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705682	Action ID:	9428
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/12/1999	Complete Date:	11/12/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EXTR	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Extension requested by owner/operator		
Further Action:	Not reported		
Comments:	Not reported		

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Admin ID:	705683	Action ID:	9430
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/16/1999	Complete Date:	12/16/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	GRNT	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Petition or request granted		
Further Action:	Not reported		
Comments:	Extension granted until February 11, 2000.		

Admin ID:	705768	Action ID:	9442
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/15/1999	Complete Date:	01/14/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NEG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NEGOTIATIONS		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705769	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/15/1999	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	706225	Action ID:	9451
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/03/2000	Complete Date:	03/03/2000
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	OOCL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Owner/operator comments received on listing notification		
Further Action:	Not reported		
Comments:	Comments from Allan E. Cawrse; Boise Cascade along with an Expanded Preliminary Assessment prepared for Boise Cascade by BARR, March 2000.		

Admin ID:	706416	Action ID:	9419
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/28/2000	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	DNTL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Action: Decision Not to List Site (on the CRL or Inventory)
Further Action: Not reported
Comments: Not reported

Admin ID:	707252	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/04/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: Not reported
Comments: Not reported

Admin ID:	707253	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/29/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Proposal for Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Admin ID:	707254	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/29/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: State Expanded Preliminary Assessment recommended (XPA)
Further Action: High
Comments: Not reported

Admin ID:	707372	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/28/1999	Complete Date:	07/28/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: q
Further Action: Not reported
Comments: Not reported

Admin ID:	721914	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707605	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/05/1999	Complete Date:	11/05/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	734936	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/28/2000	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	516	Cleanup Flag:	False
Created By:	MCAMARA	Created Date:	02/28/2008
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Action (Conditional)		
Further Action:	0		
Comments:	The NFA is based on industrial use.		

Operations:

Operation Id:	131777
Operation Status:	Inactive
Common Name:	Boise Cascade - Minto Island
Yrs of Operation:	Not reported
Comments:	Sulfite pulp and paper mill
Updated Date:	03/16/1995
Operations SIC Id:	195313
SIC Code:	2611
Created By:	Not reported
Created Date:	12/17/2002
Operations SIC Id:	195314
SIC Code:	2621
Created By:	Not reported
Created Date:	12/17/2002

State ID Number:	4427	Brown ID:	Brownfield Site - DEQ Tech Assistance
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	60621	Further Action:	0
Lat/Long (dms):	44 56 17.50 / -123 2 30.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	See Narrative	Size:	Approx. 13 acres
NPL:	False	Orphan:	False

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Updated By: GWISTAR Update Date: 08/22/2007

Narrative:

NARR ID: 5746718
NARR Code: Contamination
Created By: MENGLIS
Created Date: 06/09/2005
Updated By: MENGLIS
Updated Date: 06/09/2005
NARR Comments: TPH in soil and groundwater from former Bunker C AST. Residual oil at base of water-bearing zone (~25 ft bgs) 25 feet radius from tank. Low TPH in groundwater near the tank. Some low concentration metals in soil.

NARR ID: 5749621
NARR Code: General Site Description
Created By: GWISTAR
Created Date: 08/22/2007
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The site is bounded by the Willamette River and the Willamette Slough to the west, a City of Salem park to the north, Commercial Street SE and the Salem Convention Center to the east, and Bellevue Street and a furniture store to the south. Adjacent properties are developed for commercial and industrial uses.

NARR ID: 5746719
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 06/09/2005
Updated By: MENGLIS
Updated Date: 06/09/2005
NARR Comments: TPH-dx, Arsenic, Barium, Chromium, Lead, Manganese

NARR ID: 5748592
NARR Code: Site Location
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The site consists of the following tax lots: 300, 701, 801, 1490, 1700, 2000, 2100, 3000, and 3100.

NARR ID: 5749530
NARR Code: Remedial Action
Created By: AOBERY
Created Date: 07/30/2007
Updated By: AOBERY
Updated Date: 07/30/2007
NARR Comments: In early 2007, Boise submitted a ICP Closure report for the Salem mill site. The investigation did not include the Minto-Brown Island properties. DEQ prepared a staff Report on April 23, 2007. The staff report was open for comments during the month of May. A public meeting was held in Salem on May 24, 2007 at the Pringle Hall Community Center. On June 13, 2007, DEQ issued a NFA for the Salem Mill Site.

NARR ID: 5749620

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

NARR Code: 1922
Created By: GWISTAR
Created Date: 08/22/2007
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The Boise Cascade Mill site in Salem consists of 13 acres located on the downtown Salem waterfront. The former paper mill was used most recently as a paper converting facility before the property was put on the market to be sold. Based on review of Boise Cascade's Independent Cleanup Pathway Final Report, DEQ determined in June 2007 that no further action was needed at the site.

Administrative Action:

Admin ID:	730414	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/09/2005	Complete Date:	06/09/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/09/2005
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	730415	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/09/2005	Complete Date:	06/13/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/09/2005
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Not reported		

Admin ID:	734205	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/01/2007	Complete Date:	06/13/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	07/30/2007
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Count: 19 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SALEM	1006857350	SALEM AIRPORT CRASH FIRE TRAINING	25TH ST	97301	FINDS, ECSI
SALEM	S111834538	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	ECSI
SALEM	S111834539	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	ECSI
SALEM	S112198886	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	VCP, ECSI
SALEM	1006854740	SALEM RIVERFRONT PARK PROJECT	CHEMEKETA AND WATER STS	97301	FINDS, OR CRL, ENG CONTROLS, INST CONTROL, VCP, BROWNFIELD ECSI
SALEM	S110993777	SCHOOL FOR THE BLIND	650 CHURCH ST	97301	NPDES
SALEM	1004580779	CENTER STREET SCHOOL	3030 CNTR ST NE	97301	FINDS
SALEM	S111005959	PICTSWEET PROPERTIES (FORMER)	CORDON ROAD AND STATE ST		VCP, ECSI
SALEM	1004770750	CAPITAL MANOR INC	1955 DALLAS HWY NW	97304	RCRA-CESQG, FINDS
SALEM	S105613948	SALEM LANDFILL	FARAGATE ST NEAR RIVER RD S	97301	ECSI
SALEM	S109843458	KINNS, JIM	572 NW KINGWOOD DR	97304	LUST
SALEM	S110647431	ABIQUA SCHOOL	W OF STRONG ROAD SE AND REED R	97302	NPDES
SALEM	S112058062	LINDBECK FARM (FORMER)	ORCHARD HEIGHTS RD NW	97304	VCP, ECSI
SALEM	S111429891	HEATING OIL TANK	1385 NW OVERLOOK AVE	97304	LUST
SALEM	S111247358	BPA	3105 NW SALEM DALLAS HWY	97304	AST, HSIS
SALEM	S111248892	DERMAC LABS INC	2485 SALEM HWY NW	97304	AST, HSIS
SALEM	1006864589	SALEM AIRPORT DISPOSAL SITE	SEC 1	97301	FINDS, SWF/LF, Financial Assurance
SALEM	S111210373	JLPN INC	5590 STATE ST SE	97301	AST, HSIS
SALEM	S111256752	VERIZON BUSINESS	6140 STATE ST	97301	AST, HSIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/09/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

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

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

CRL: Confirmed Release List and Inventory
All facilities with a confirmed release.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System
Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

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

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: 08/28/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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.

Date of Government Version: 07/01/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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

Date of Government Version: 07/01/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 09/10/2012
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
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: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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: 10/22/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: DEQ
Telephone: 503-229-5256
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects
Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 503-229-6801
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

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

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

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

SWRCY: Recycling Facility Location Listing
A listing of recycling facility locations.

Date of Government Version: 09/04/2012
Date Data Arrived at EDR: 09/05/2012
Date Made Active in Reports: 10/01/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5353
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

AOC COL: Columbia Slough
Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/16/2006
Number of Days to Update: 30

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
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: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 06/29/2012
Date Data Arrived at EDR: 08/16/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 26

Source: Department of Consumer & Business Services
Telephone: 503-378-4133
Last EDR Contact: 11/13/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

CDL 2: Clandestine Drug Lab Site Listing
A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Oregon State Police
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

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

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

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

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

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

SPILLS: Spill Data
Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 09/30/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Semi-Annually

Other Ascertainable Records

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 01/07/2013
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

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

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

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

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

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

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: 10/02/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 09/26/2011
Date Made Active in Reports: 11/10/2011
Number of Days to Update: 45

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaning Facilities

A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 02/06/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6783
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

NPDES: Wastewater Permits Database

A listing of permitted wastewater facilities.

Date of Government Version: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/07/2012
Number of Days to Update: 58

Source: Department of Environmental Quality
Telephone: 503-229-5657
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Oregon Title V Facility Listing
A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/06/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 503-229-6459
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
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: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/28/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 503-229-5521
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites Listing
A listing of coal ash disposal sites.

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 541-298-7255
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information for hazardous waste facilities.

Date of Government Version: 08/10/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 541-633-2011
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 2003 & 2011 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

WALKER MIDDLE SCHOOL
1075 8TH ST NW
SALEM, OR 97304

TARGET PROPERTY COORDINATES

Latitude (North):	44.9471 - 44˚ 56’ 49.56’’
Longitude (West):	123.059 - 123˚ 3’ 32.40’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	495345.5
UTM Y (Meters):	4976858.5
Elevation:	150 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

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 principal 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).

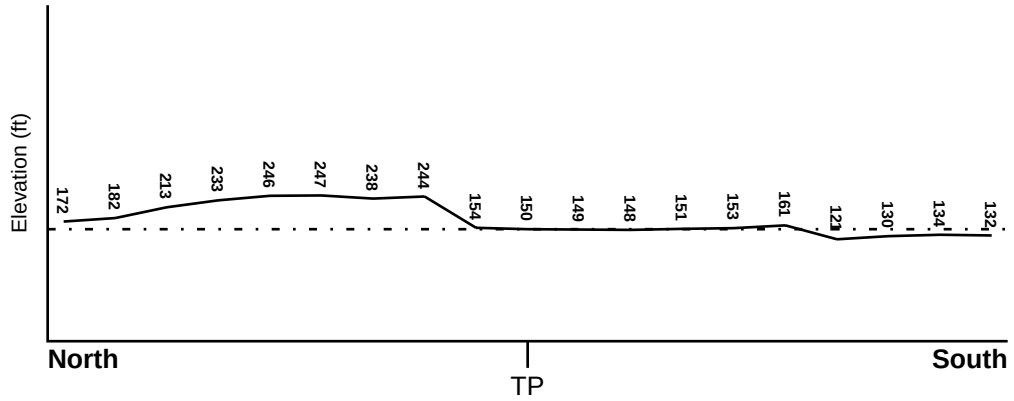
TOPOGRAPHIC INFORMATION

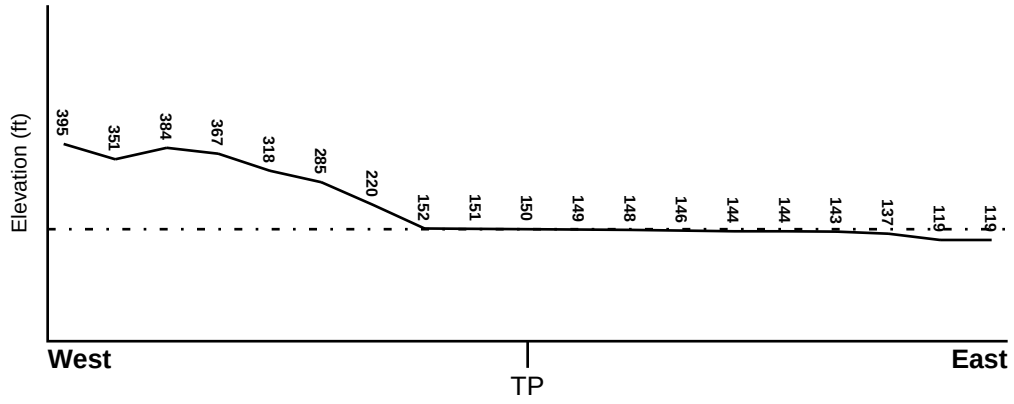
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 150 ft.

0 1/2 1 Miles

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
POLK, OR	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	41047C - FEMA DFIRM Flood data
Additional Panels in search area:	41053C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SALEM WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

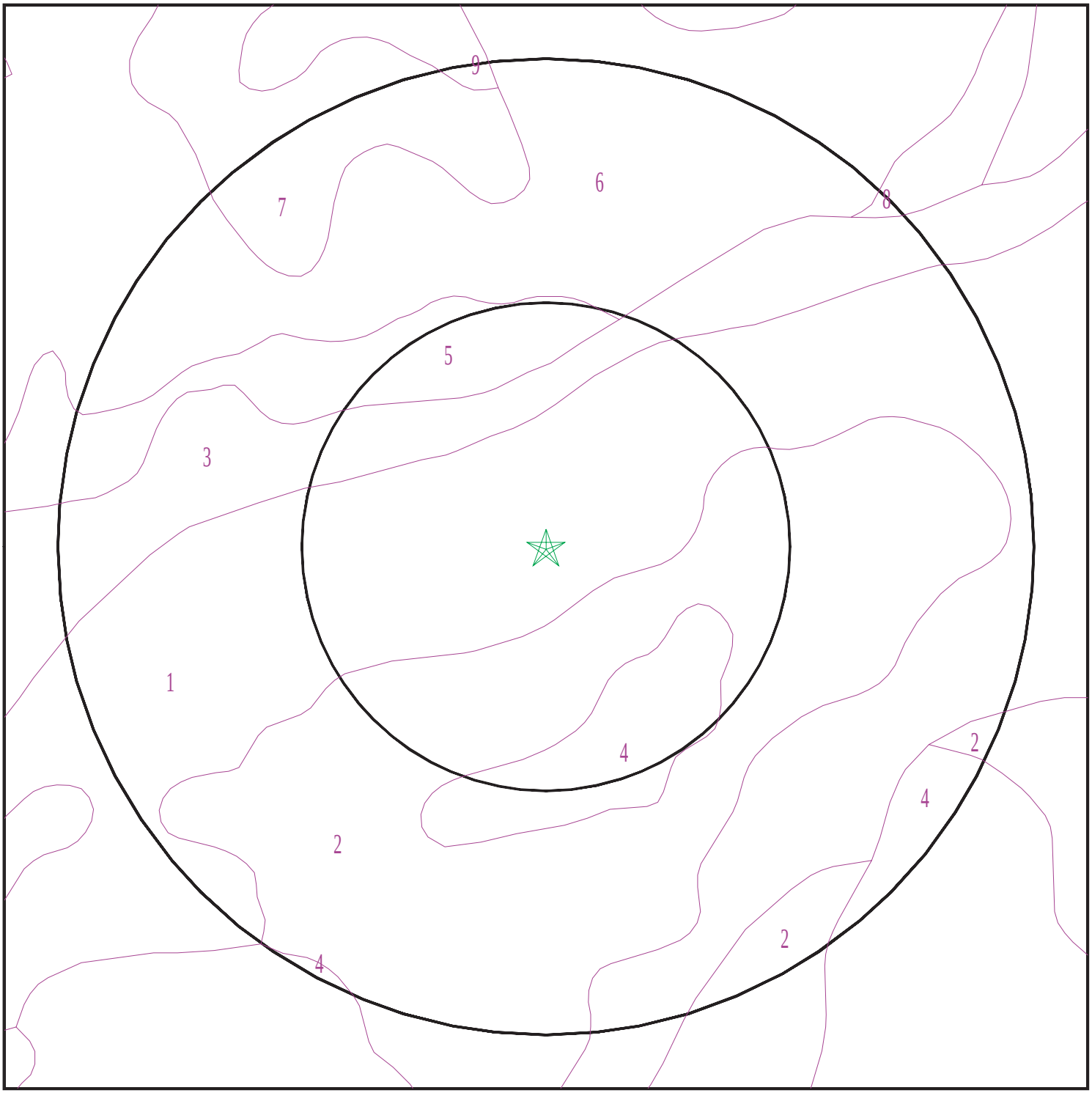
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 3484172.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: Walker Middle School ADDRESS: 1075 8th ST NW Salem OR 97304 LAT/LONG: 44.9471 / 123.059	CLIENT: Ecology and Environment CONTACT: Derek Pulvino INQUIRY #: 3484172.2s DATE: December 27, 2012 5:35 pm

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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: Cove

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
2	7 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1

Soil Map ID: 2

Soil Component Name: Coburg

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	14 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 3

Soil Component Name: Ritner

Soil Surface Texture: unweathered bedrock

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 97 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	37 inches	42 inches	unweathered bedrock	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
2	0 inches	14 inches	gravelly silty clay loam	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
3	14 inches	25 inches	very cobbly silty clay	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
4	25 inches	37 inches	extremely cobbly silty clay	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1

Soil Map ID: 4

Soil Component Name: Malabon

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
2	14 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1

Soil Map ID: 5

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 6

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 7

Soil Component Name: Nekia

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 64 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 8

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 9

Soil Component Name: Witzel

Soil Surface Texture: very stony silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 43 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	very stony silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	16 inches	extremely cobbly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	16 inches	20 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F41	USGS3254434	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

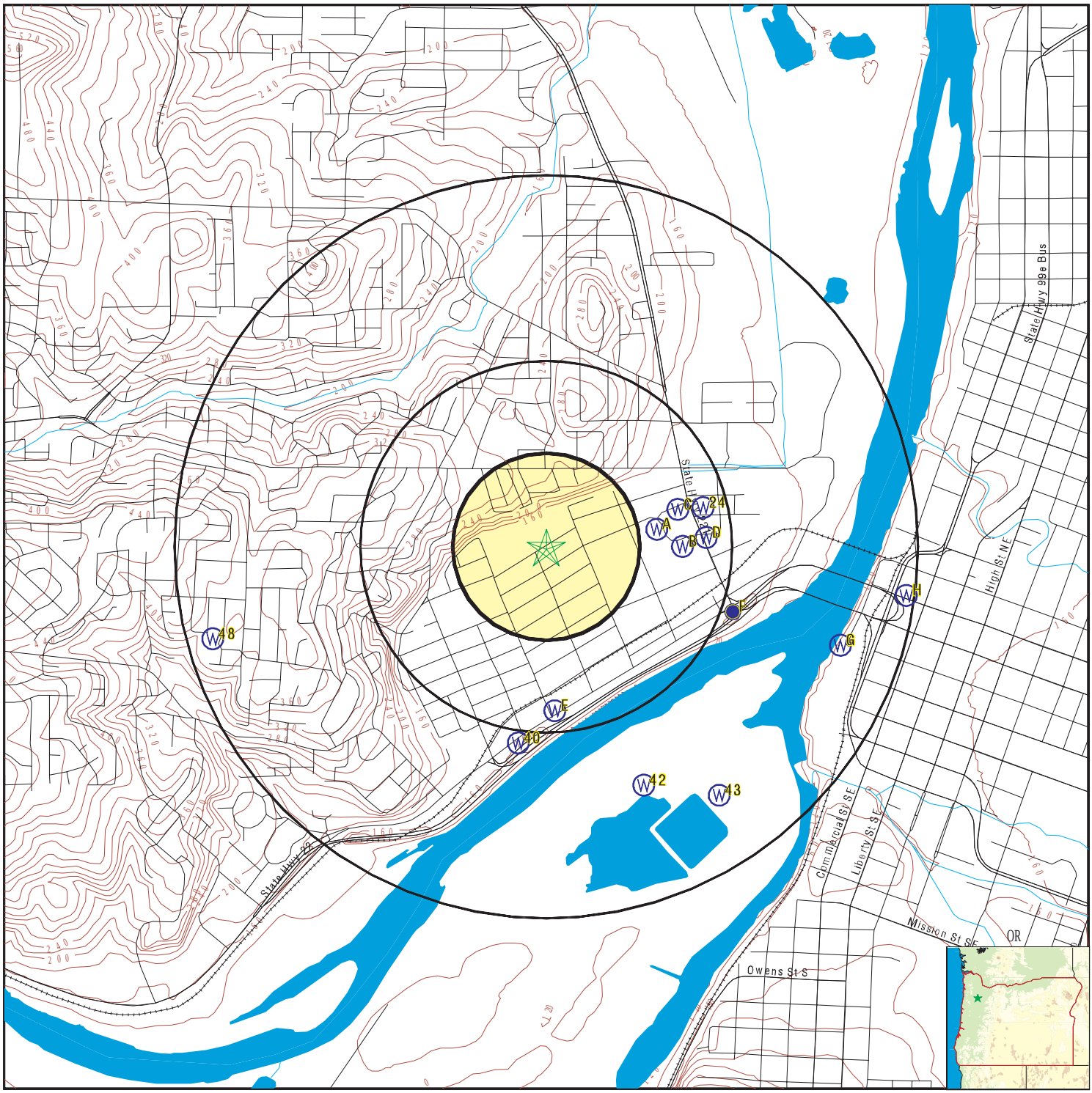
MAP ID	WELL ID	LOCATION FROM TP
A1	ORI400000008538	1/4 - 1/2 Mile East
A2	ORI400000008539	1/4 - 1/2 Mile East
B3	ORI400000008515	1/4 - 1/2 Mile East
B4	ORI400000008514	1/4 - 1/2 Mile East
C5	ORI400000008547	1/4 - 1/2 Mile ENE
B6	ORI400000008530	1/4 - 1/2 Mile East
C7	ORI400000008546	1/4 - 1/2 Mile ENE
B8	ORI400000008520	1/4 - 1/2 Mile East
B9	ORI400000008521	1/4 - 1/2 Mile East
B10	ORI400000008536	1/4 - 1/2 Mile East
B11	ORI400000008516	1/4 - 1/2 Mile East
B12	ORI400000008525	1/4 - 1/2 Mile East
C13	ORI400000008543	1/4 - 1/2 Mile ENE
C14	ORI400000008552	1/4 - 1/2 Mile ENE
B15	ORI400000008528	1/4 - 1/2 Mile East
B16	ORI400000008508	1/4 - 1/2 Mile East
B17	ORI400000008518	1/4 - 1/2 Mile East
D18	ORI400000008529	1/4 - 1/2 Mile East
D19	ORI400000008527	1/4 - 1/2 Mile East
D20	ORI400000008526	1/4 - 1/2 Mile East
D21	ORI400000008519	1/4 - 1/2 Mile East
D22	ORI400000008522	1/4 - 1/2 Mile East
E23	ORI400000008416	1/4 - 1/2 Mile South
24	ORI400000008548	1/4 - 1/2 Mile ENE
E25	ORI400000008415	1/4 - 1/2 Mile South
D26	ORI400000008531	1/4 - 1/2 Mile East
E27	ORI400000008414	1/4 - 1/2 Mile South
E28	ORI400000008413	1/4 - 1/2 Mile South
D29	ORI400000008540	1/4 - 1/2 Mile East
D30	ORI400000008523	1/4 - 1/2 Mile East
D31	ORI400000008524	1/4 - 1/2 Mile East
E32	ORI400000008411	1/4 - 1/2 Mile South
D33	ORI400000008537	1/4 - 1/2 Mile East
E34	ORI400000008409	1/4 - 1/2 Mile South
E35	ORI400000008408	1/4 - 1/2 Mile South
E36	ORI400000008407	1/4 - 1/2 Mile South
D37	ORI400000008533	1/4 - 1/2 Mile East
D38	ORI400000008534	1/4 - 1/2 Mile East
F39	ORW400000006083	1/2 - 1 Mile ESE
40	ORI400000008388	1/2 - 1 Mile South
42	ORW400000006024	1/2 - 1 Mile SSE
43	ORW400000006021	1/2 - 1 Mile SE
G44	ORI400000008478	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G45	ORI400000008477	1/2 - 1 Mile ESE
G46	ORI400000008480	1/2 - 1 Mile ESE
G47	ORI400000008479	1/2 - 1 Mile ESE
48	ORW400000006074	1/2 - 1 Mile WSW
H49	ORI400000008503	1/2 - 1 Mile East
H50	ORI400000008504	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 3484172.2s



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

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

N

SITE NAME: Walker Middle School	CLIENT: Ecology and Environment
ADDRESS: 1075 8th ST NW Salem OR 97304	CONTACT: Derek Pulvino
LAT/LONG: 44.9471 / 123.059	INQUIRY #: 3484172.2s
	DATE: December 27, 2012 5:35 pm

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Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **East** **1/4 - 1/2 Mile** **Lower**		**OR WELLS**	**ORI400000008538**

Well inspe:	26842		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC4		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05343		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05343		
Site id:	ORI400000008538		

A2
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008539**

Well inspe:	26840		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC3		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05243		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05243		
Site id:	ORI400000008539		

B3
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008515**

Well inspe:	34575		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; ALTERATION SC # NOW STAMPED ON WELL		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008515		

B4
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008514**

Well inspe:	34499		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; NO SC # ON WELL (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008514		

C5
ENE **OR WELLS** **ORI400000008547**
1/4 - 1/2 Mile
Lower

Well inspe:	31054		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST OF WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94855		
Longitude :	123.05222		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94855		
Newlong:	-123.05222		
Site id:	ORI400000008547		

B6
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008530**

Well inspe:	34983		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, BEHIND STORES OUTSIDE FENCED CHILDREN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, SANITARY CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94757		
Longitude :	123.05191		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94757		
Newlong:	-123.05191		
Site id:	ORI400000008530		

C7
ENE **OR WELLS** **ORI400000008546**
1/4 - 1/2 Mile
Lower

Well inspe:	26841		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC5		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94849		
Longitude :	123.05194		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94849		
Newlong:	-123.05194		
Site id:	ORI400000008546		

B8
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008520**

Well inspe:	29688		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE.,	WEST SALEM	
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; NO SC NUMBER ON VAULT (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008520		

B9
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008521**

Well inspe:	30038		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; SC NUMBER NOW STAMPED ON VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008521		

B10
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008536**

Well inspe:	33765		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC2		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94776		
Longitude :	123.05167		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94776		
Newlong:	-123.05167		
Site id:	ORI400000008536		

B11
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008516**

Well inspe:	29686		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9469		
Longitude :	123.05151		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9469		
Newlong:	-123.05151		
Site id:	ORI400000008516		

B12
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008525**

Well inspe:	31367		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW1; FLUSH, OLD MONUMENT LID, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LO		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94719		
Longitude :	123.05142		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94719		
Newlong:	-123.05142		
Site id:	ORI400000008525		

C13
ENE **OR WELLS** **ORI400000008543**
1/4 - 1/2 Mile
Lower

Well inspe:	26839		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC1		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94833		
Longitude :	123.05153		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94833		
Newlong:	-123.05153		
Site id:	ORI400000008543		

C14
ENE **OR WELLS** **ORI400000008552**
1/4 - 1/2 Mile
Lower

Well inspe:	31055		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST & WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94886		
Longitude :	123.05141		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94886		
Newlong:	-123.05141		
Site id:	ORI400000008552		

B15
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008528**

Well inspe:	41179		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94748		
Longitude :	-123.05099		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		
Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94748		
Newlong:	-123.05099		
Site id:	ORI400000008528		

B16
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008508**

Well inspe:	29687		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUITT BROTHERS INC.; 556 MURLARK AVE, WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 100110; NO BOLTS ON MONUMENT LID		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9463		
Longitude :	123.051		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9463		
Newlong:	-123.051		
Site id:	ORI400000008508		

B17
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008518**

Well inspe:	31366		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW2; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94707		
Longitude :	123.05089		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94707		
Newlong:	-123.05089		
Site id:	ORI400000008518		

D18
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008529**

Well inspe:	41180		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94751		
Longitude :	-123.0509		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		

Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94751		
Newlong:	-123.0509		
Site id:	ORI400000008529		

D19
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008527**

Well inspe:	31486		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW5; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94746		
Longitude :	123.05087		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94746		
Newlong:	-123.05087		
Site id:	ORI400000008527		

D20
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008526**

Well inspe:	33316		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW4; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94735		
Longitude :	123.0506		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94735		
Newlong:	-123.0506		
Site id:	ORI400000008526		

D21
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008519**

Well inspe:	32498		
Physical l:	Not Reported	Inspection:	02/26/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX OIL CO; 585 WALLACE RD NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MANAGER SAID WELL ABANDONED; VAULT STILL OVER WELL; WELL IS IN PUDDLE OF WATER		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.94709		
Longitude :	123.05051		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	UNKNOWN		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94709		
Newlong:	-123.05051		
Site id:	ORI400000008519		

D22
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008522**

Well inspe:	33286		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW3?; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94712		
Longitude :	123.05048		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94712		
Newlong:	-123.05048		
Site id:	ORI400000008522		

E23
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008416**

Well inspe:	44040		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94092		
Longitude :	-123.05865		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	-1
Street of :	Not Reported		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94092		
Newlong:	-123.05865		
Site id:	ORI400000008416		

24
ENE **OR WELLS** **ORI400000008548**
1/4 - 1/2 Mile
Lower

Well inspe:	35170		
Physical l:	Not Reported	Inspection:	03/15/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	NICHOLSON INVESTMENT, 710 WALLACE RD, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DRILLERS ON SITE, OTHER HOLES BEING DRILLED AT TIME OF INSPECTION		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94863		
Longitude :	123.05039		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	STRAP		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94863		
Newlong:	-123.05039		
Site id:	ORI400000008548		

E25
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008415**

Well inspe:	43634		
Physical l:	Not Reported	Inspection:	08/22/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.9408		
Longitude :	-123.05857		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	12/03/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9408		
Newlong:	-123.05857		
Site id:	ORI400000008415		

D26
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008531**

Well inspe:	31485		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW6; FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.9476		
Longitude :	123.05012		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9476		
Newlong:	-123.05012		
Site id:	ORI400000008531		

E27
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008414**

Well inspe:	44037		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94074		
Longitude :	-123.05836		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94074		
Newlong:	-123.05836		
Site id:	ORI400000008414		

E28
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008413**

Well inspe:	44038		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94072		
Longitude :	-123.05862		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94072		
Newlong:	-123.05862		
Site id:	ORI400000008413		

D29
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008540**

Well inspe:	30142		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, UNDER STEPS TO 2ND FLOOR OF RESTAURA		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-2, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94793		
Longitude :	123.05008		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94793		
Newlong:	-123.05008		
Site id:	ORI400000008540		

D30
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008523**

Well inspe:	31371		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008523		

D31
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008524**

Well inspe:	31484		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008524		

E32
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008411**

Well inspe:	43574		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94067		
Longitude :	-123.05848		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94067		
Newlong:	-123.05848		
Site id:	ORI400000008411		

D33
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008537**

Well inspe:	30143		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, IN PARKING BEHIND RESTAURANT		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-3, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94777		
Longitude :	123.04995		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94777		
Newlong:	-123.04995		
Site id:	ORI400000008537		

E34
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008409**

Well inspe:	43247		
Physical l:	Not Reported	Inspection:	02/08/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94063		
Longitude :	-123.05852		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	02/28/2007	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94063		
Newlong:	-123.05852		
Site id:	ORI400000008409		

E35
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008408**

Well inspe:	44039		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94061		
Longitude :	-123.0587		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94061		
Newlong:	-123.0587		
Site id:	ORI400000008408		

E36
South
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008407**

Well inspe:	44041		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94057		
Longitude :	-123.0583		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	ACROSS FROM 1175 EDGEWATER ST		
Street of1:	ACROSS FROM 1175 EDGEWATER ST		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94057		
Newlong:	-123.0583		
Site id:	ORI400000008407		

D37
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008533**

Well inspe:	30141		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-7, FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK, 8" OVERSIZED CASING INSIDE VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	1994		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO METAL OVERSIZED CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008533		

D38
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008534**

Well inspe:	31024		
Physical l:	Not Reported	Inspection:	08/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	GOLDSTEIN, SHELDON, IN STREET NEAR CHALET RESTAURANT, 600 WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FOUND ASPHALT PATCH IN STREET AT GPS LOCATION FOR MW-7A, ORIG SC 97396		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2600		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008534		

F39
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006083**

Logid:	POLK 1844	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	150	Site id:	ORW400000006083

40
South
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008388**

Well inspe:	44253		
Physical l:	Not Reported	Inspection:	09/11/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	-1	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MARVIN SANNES		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported

Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NOT ABANDONED YET; WELL STILL IN PLACE		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	28		
Qtr40:	NW	Qtr160:	NE
Latitude d:	44.93945		
Longitude :	-123.06053		
Gps horizo:	Not Reported		
Year const:	1936		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	SS	Pictures t:	-1
Street of :	Not Reported		
Street of1:	1320 EDGEWATER ST NW IN SALEM; IN BASEMENT OF BUILDING		
Last updt :	09/11/2007	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.93945		
Newlong:	-123.06053		
Site id:	ORI400000008388		

Map ID Direction Distance Elevation	Database	EDR ID Number
F41 **ESE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3254434**

Agency cd:	USGS	Site no:	445641123025101
Site name:	07S/03W-22CCB		
Latitude:	445641	EDR Site id:	USGS3254434
Longitude:	1230251	Dec lat:	44.94456403
Dec lon:	-123.04870773	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	053
Country:	US	Land net:	Not Reported
Location map:	SALEM WEST	Map scale:	24000
Altitude:	150.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.0		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19630919
Date inventoried:	19631024	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:	397.00	Hole depth:	400.00
Source of depth data:	driller		
Project number:	4753-34400		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

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42 **SSE** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006024**

Logid:	MARI 8117	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	130	Site id:	ORW400000006024

Map ID Direction Distance Elevation	Database	EDR ID Number
43 **SE** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006021**

Logid:	MARI 8118	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	130	Site id:	ORW400000006021

G44 **ESE** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORI400000008478**

Well inspe:	25881		
Physical l:	Not Reported	Inspection:	01/11/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST REPAIRED;		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008478		

G45
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008477**

Well inspe:	25389		
Physical l:	Not Reported	Inspection:	12/18/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST STILL BENT; MUST BE REPAIRED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008477		

G46
ESE **OR WELLS** **ORI400000008480**
1/2 - 1 Mile
Higher

Well inspe:	33528		
Physical l:	Not Reported	Inspection:	01/09/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST STILL BENT; MUST BE REPAIRED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008480		

G47
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008479**

Well inspe:	33420		
Physical l:	Not Reported	Inspection:	12/06/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVER FRONT PARK; BESIDE DRIVEWAY ENTRANCE; SEE MAP		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	ONE POST DAMAGED; MUST REPAIR		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008479		

48
WSW
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006074**

Logid:	POLK 137	Lstupdate:	08/22/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006074

H49
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008503**

Well inspe:	38198		
Physical l:	Not Reported	Inspection:	03/04/2005
Startcard :	Not Reported	Wl county :	LANE
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	ADELE, RICHARD		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	LANE
Tax lot:	700		
Township:	17		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	34		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.9452		
Longitude :	123.03924		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	SS	Pictures t:	0
Street of :	3675 FRANKLIN BLVD		
Street of1:	3675 FRANKLIN BLVD		

Last updt :	05/13/2005	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9452		
Newlong:	-123.03924		
Site id:	ORI400000008503		

H50
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008504**

Well inspe:	38199		
Physical l:	Not Reported	Inspection:	03/04/2005
Startcard :	Not Reported	Wl county :	LANE
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	ADELE, RICHARD		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	LANE
Tax lot:	700		
Township:	17		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	34		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.9452		
Longitude :	123.03924		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	SS	Pictures t:	0
Street of :	3675 FRANKLIN BLVD		
Street of1:	3675 FRANKLIN BLVD		
Last updt :	05/13/2005	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9452		
Newlong:	-123.03924		
Site id:	ORI400000008504		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97304	35	48.8	0.3	8.2	17

Federal EPA Radon Zone for POLK County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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

Oil and Gas Well Locations
Source: Department of Geology and Mineral Industries
Telephone: 971-673-1540
A listing of oil and gas well locations in the state.

RADON

State Database: OR Radon
Source: Oregon Health Services
Telephone: 503-731-4272
Radon Levels in Orgeon

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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7th and Patterson Property
859 7th St NW
Salem, OR 97304

Inquiry Number: 3489054.2s
January 07, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

859 7TH ST NW
SALEM, OR 97304

COORDINATES

Latitude (North):	44.9477000 - 44˚ 56' 51.72''
Longitude (West):	123.0553000 - 123˚ 3' 19.08''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	495637.4
UTM Y (Meters):	4976925.0
Elevation:	149 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ASTEN DRYER FABRICS INC 859 7TH ST NW SALEM, OR 97304	RCRA-NonGen FINDS	ORD009036039
HANARD MACHINE 859 7TH STREET NW SALEM, OR	UIC LUST Cleanup Complete: 08/27/2012 HSIS	N/A
ASTENHILL MFG CO 859 7TH ST NW SALEM, OR 97304	FINDS	N/A

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:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

SWF/LF ..... Solid Waste Facilities List

State and tribal leaking storage tank lists

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

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF..... Old Closed SW Disposal Sites
SWRCY..... Recycling Facility Location Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
AOCONCERN..... Columbia Slough
CDL..... Uninhabitable Drug Lab Properties
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spill Database

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System

EXECUTIVE SUMMARY

TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
OR HAZMAT	Hazmat/Incidents
NPDES	Wastewater Permits Database
AIRS	Oregon Title V Facility Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PRP	Potentially Responsible Parties
EPA WATCH LIST	EPA WATCH LIST
Financial Assurance	Financial Assurance Information Listing
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US FIN ASSUR	Financial Assurance Information
2020 COR ACTION	2020 Corrective Action Program List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH	Coal Ash Disposal Sites Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-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 11/02/2012 has revealed that there is

EXECUTIVE SUMMARY

1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER CHROME SHOP - EDGEWATER	940 EDGEWATER STREET	SSE 1/8 - 1/4 (0.153 mi.)	G42	139

Federal RCRA generators list

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there are 7 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE W. SALEM MED	***1160 WALLACE RD NW***	***NE 1/8 - 1/4 (0.232 mi.)***	***61***	***167***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***0 - 1/8 (0.001 mi.)***	***C9***	***41***
LAYTON MANUFACTURING CO., INC	672 MURLARK AVE NW	ESE 0 - 1/8 (0.002 mi.)	C11	54
MURLARK PROPERTIES LLC	***556 MURLARK ST NW***	***SE 0 - 1/8 (0.003 mi.)***	***D16***	***65***
SALEM ELECTRIC	***633 7TH ST NW***	***ENE 1/8 - 1/4 (0.146 mi.)***	***I35***	***120***
ODEQ DRY CLEANER WESTGATE CLEA	***697 WALLACE RD NW***	***ENE 1/8 - 1/4 (0.173 mi.)***	***I50***	***152***
WESTGATE CLEANERS	***697 NW WALLACE RD***	***E 1/8 - 1/4 (0.174 mi.)***	***L52***	***154***

State- and tribal - equivalent CERCLIS

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 11/19/2012 has revealed that there is 1 OR CRL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***0 - 1/8 (0.000 mi.)***	***4***	***14***

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 ECSI list, as provided by EDR, and dated 10/01/2012 has revealed that there are 18 ECSI sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOISE CASCADE - MINTO ISLAND	***315 COMMERCIAL STREET***	***SE 1/2 - 1 (0.694 mi.)***	***83***	***182***
ROBERSON MOTORS SITE (OLD)	***435 COMMERCIAL ST NE***	***ESE 1/2 - 1 (0.709 mi.)***	***84***	***202***
FIRST BAPTIST CHURCH OF SALEM	510 COMMERCIAL STREET N	ESE 1/2 - 1 (0.729 mi.)	85	207
LAKE POINT PROPERTIES, LLC	***394 CENTER ST. NE***	***ESE 1/2 - 1 (0.782 mi.)***	***86***	***208***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRACHSEL BUICK/GMC	***660 LIBERTY ST NE***	***E 1/2 - 1 (0.852 mi.)***	***87***	***223***
CHARTER REALTY GROUP - PGE VAU	494 STATE ST.	ESE 1/2 - 1 (0.863 mi.)	88	231
Not reported	***280 CHURCH ST NE***	***ESE 1/2 - 1 (0.948 mi.)***	***89***	***234***
DELYNNS CLEANERS	***198 CHURCH ST SE***	***SE 1/2 - 1 (0.964 mi.)***	***90***	***241***
MARION COUNTY PAVING MATERIAL	***1300 FRONT ST. NE***	***ENE 1/2 - 1 (0.983 mi.)***	***91***	***247***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***0 - 1/8 (0.000 mi.)***	***4***	***14***
Not reported	***845 BASSETT ST NW***	***0 - 1/8 (0.000 mi.)***	***B8***	***33***
Not reported	***325 PATTERSON ST NW***	***S 0 - 1/8 (0.003 mi.)***	***14***	***62***
AGRIPAC INC PLT 5	***556 MURLARK AVE NW***	***SE 0 - 1/8 (0.003 mi.)***	***D17***	***68***
OREGON FRUIT PRODUCTS LLC	***150 PATTERSON ST NW***	***S 1/8 - 1/4 (0.126 mi.)***	***G27***	***98***
CIRCUIT WORLD INC.	***585 9TH ST NW***	***NE 1/8 - 1/4 (0.129 mi.)***	***29***	***108***
CHROME SHOP - EDGEWATER ST. (F	940 EDGEWATER ST. NW	SSE 1/8 - 1/4 (0.153 mi.)	G40	133
WESTGATE CLEANERS	***697 WALLACE RD. NW***	***ENE 1/8 - 1/4 (0.173 mi.)***	***I49***	***142***
SALEM TENT AND AWNING	***280 WALLACE RD. NW***	***ESE 1/8 - 1/4 (0.185 mi.)***	***56***	***159***

State and tribal leaking storage tank lists

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 10/01/2012 has revealed that there are 41 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	***1075 8TH ST NW***	***WSW 0 - 1/8 (0.094 mi.)***	***23***	***87***
Cleanup Complete: 01/29/2001				
HEATING OIL TANK	770 GLEN CREEK RD NW	N 0 - 1/8 (0.101 mi.)	24	97
Cleanup Complete: 10/28/2011				
HEATING OIL TANK	1075 LAVONA DR NW	WNW 0 - 1/8 (0.123 mi.)	F25	97
Cleanup Complete: 02/15/2007				
HEATING OIL TANK	1080 LAVONA DRIVE NW	WNW 1/8 - 1/4 (0.126 mi.)	F28	108
HEATING OIL TANK	1085 LAVONA DR NW	WNW 1/8 - 1/4 (0.130 mi.)	F30	112
Cleanup Complete: 02/21/2007				
MIKE'S SEPTIC SERVICE INC	***560 GLEN CREEK ROAD NW***	***NE 1/8 - 1/4 (0.158 mi.)***	***J43***	***139***
HEATING OIL TANK	1165 BELAIRE DR NW	N 1/8 - 1/4 (0.166 mi.)	45	140
Cleanup Complete: 09/12/2007				
WEST SALEM CLINIC	***1025 EDGEWATER STREET N***	***S 1/8 - 1/4 (0.167 mi.)***	***46***	***141***
HEATING OIL TANK	1225 WESTWOOD DR NW	WNW 1/8 - 1/4 (0.171 mi.)	47	141
Cleanup Complete: 07/13/2000				
HEATING OIL TANK	1045 PALI DR NW	WNW 1/8 - 1/4 (0.173 mi.)	51	154
Cleanup Complete: 08/26/2010				
HEATING OIL TANK	945 HILLTOP DRIVE	NNW 1/8 - 1/4 (0.228 mi.)	60	166
Cleanup Complete: 01/31/1996				
HEATING OIL TANK	775 GERTH STREET NW	WSW 1/4 - 1/2 (0.257 mi.)	63	174
HEATING OIL TANK	1270 VALLEY VIEW NW	N 1/4 - 1/2 (0.287 mi.)	64	174
Cleanup Complete: 01/03/2000				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EDGEWATER AUTOMOTIVE	***1191 EDGEWATER ST NW***	***SSW 1/4 - 1/2 (0.311 mi.)***	***N65***	***175***
HEATING OIL TANK Cleanup Complete: 12/04/1996	1050 CASCADE DR NW	W 1/4 - 1/2 (0.325 mi.)	66	175
OFFICE BUILDING (REAR) Cleanup Complete: 11/07/2003	***1223 EDGEWATER ST NW***	***SSW 1/4 - 1/2 (0.343 mi.)***	***N67***	***175***
HEATING OIL TANK Cleanup Complete: 03/27/2001	1079 CASCADE DR NW	WNW 1/4 - 1/2 (0.350 mi.)	68	176
HEATING OIL TANK Cleanup Complete: 12/05/2006	1120 PARKWAY DR NW	WNW 1/4 - 1/2 (0.384 mi.)	69	176
HEATING OIL TANK Cleanup Complete: 12/06/2000	791 ORCHARD HEIGHTS RD	N 1/4 - 1/2 (0.387 mi.)	70	176
HEATING OIL TANK	1185 LIPINE LAND NW	NNW 1/4 - 1/2 (0.390 mi.)	O71	177
HEATING OIL TANK Cleanup Complete: 05/14/2007	1025 TERRACE DR NW	W 1/4 - 1/2 (0.395 mi.)	72	177
HEATING OIL TANK Cleanup Complete: 02/20/2002	1360 FRANKLIN ST NW	SW 1/4 - 1/2 (0.405 mi.)	73	177
HEATING OIL TANK Cleanup Complete: 07/10/2003	951 CASCADE DRIVE NW	W 1/4 - 1/2 (0.409 mi.)	74	177
HEATING OIL TANK Cleanup Complete: 04/10/2008	1165 LARKSPUR LN NW	NNW 1/4 - 1/2 (0.414 mi.)	O75	178
HEATING OIL TANK	1315 WEST WAY NW	NNW 1/4 - 1/2 (0.414 mi.)	O76	178
HEATING OIL TANK Cleanup Complete: 09/04/2012	964 TERRACE DR NW	W 1/4 - 1/2 (0.433 mi.)	P77	178
HEATING OIL TANK Cleanup Complete: 04/21/2000	963 PARKWAY NW	W 1/4 - 1/2 (0.460 mi.)	P78	178
HEATING OIL TANK Cleanup Complete: 03/17/2000	914 TERRACE DRIVE NW	W 1/4 - 1/2 (0.474 mi.)	79	179
HEATING OIL TANK	876 PIEDMONT AVE NW	WSW 1/4 - 1/2 (0.482 mi.)	80	179
NEUFELDT'S TEXACO Cleanup Complete: 05/19/1992	***1395 EDGEWATER NW***	***SSW 1/4 - 1/2 (0.499 mi.)***	***81***	***179***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST SALEM MACHINERY CO Cleanup Complete: 06/04/2010	***665 MURLARK AVE NW***	***0 - 1/8 (0.001 mi.)***	***C9***	***41***
OREGON TURKEY GROWERS	740 BASSETT ST NW	SE 0 - 1/8 (0.040 mi.)	E20	81
OREGON FRUIT PRODUCTS INC Cleanup Complete: 04/27/1999	***150 PATTERSON ST NW***	***S 1/8 - 1/4 (0.126 mi.)***	***G26***	***97***
SALEM ELECTRIC Cleanup Complete: 11/16/1990	633 SEVENTH ST NW	ENE 1/8 - 1/4 (0.146 mi.)	I33	119
WALLACE SHELL Cleanup Complete: 02/17/2011	***585 WALLACE RD NW***	***E 1/8 - 1/4 (0.151 mi.)***	***H38***	***130***
SHELL - 509 Cleanup Complete: 05/24/2010	***545 WALLACE RD NW***	***ESE 1/8 - 1/4 (0.160 mi.)***	***K44***	***140***
MENNIS OIL COMPANY Cleanup Complete: 10/31/2008	475 TAGGART DR NW / 600	E 1/8 - 1/4 (0.175 mi.)	H54	158
BOB'S BURGERS (FORMER) Cleanup Complete: 06/21/2011	710 WALLACE RD NW	ENE 1/8 - 1/4 (0.175 mi.)	L55	158

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALEM TENT AND AWNING	***280 WALLACE RD. NW***	***ESE 1/8 - 1/4 (0.185 mi.)***	***56***	***159***
Cleanup Complete: 08/29/2012				
RITCHIE CHEVRON	***1115 WALLACE RD NW***	***NE 1/8 - 1/4 (0.202 mi.)***	***J58***	***166***
BATTING CAGES	675 BARTELL DR NW	E 1/8 - 1/4 (0.211 mi.)	M59	166
Cleanup Complete: 05/01/2007				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's UST List on Disk.

A review of the UST list, as provided by EDR, and dated 07/01/2012 has revealed that there are 13 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIKE'S SEPTIC SERVICE INC	***560 GLEN CREEK ROAD NW***	***NE 1/8 - 1/4 (0.158 mi.)***	***J43***	***139***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***0 - 1/8 (0.000 mi.)***	***4***	***14***
AGRIPAC INC PLANT #1	845 BASSETT ST NW	0 - 1/8 (0.000 mi.)	B6	30
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***0 - 1/8 (0.001 mi.)***	***C9***	***41***
WELLIVER WELDING WORKS INC	672 MURLARK AVE NW	ESE 0 - 1/8 (0.002 mi.)	C13	62
AGRIPAC INC PLANT #5	556 MURLARK AVE NW	SE 0 - 1/8 (0.003 mi.)	D15	65
OREGON TURKEY GROWERS	740 BASSETT ST. N.W.	SE 0 - 1/8 (0.040 mi.)	E19	80
OREGON FRUIT PRODUCTS INC	***150 PATTERSON ST NW***	***S 1/8 - 1/4 (0.126 mi.)***	***G26***	***97***
SALEM ELECTRIC	633 7TH ST NW	ENE 1/8 - 1/4 (0.146 mi.)	I34	120
WALLACE SHELL	***585 WALLACE RD NW***	***E 1/8 - 1/4 (0.151 mi.)***	***H38***	***130***
SHELL - 509	***545 WALLACE RD NW***	***ESE 1/8 - 1/4 (0.160 mi.)***	***K44***	***140***
MCCORMICK/SHIRE	495 WALLACE RD	ESE 1/8 - 1/4 (0.174 mi.)	K53	158
RITCHIE CHEVRON	***1115 WALLACE RD NW***	***NE 1/8 - 1/4 (0.202 mi.)***	***J58***	***166***

AST: The Aboveground Storage Tank database contains registered ASTs. The data comes from the list of ASTs reported to the Office of State Fire Marshal.

A review of the AST list, as provided by EDR, and dated 03/01/2012 has revealed that there are 12 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RAM STEELCO INC	***992 NW 7TH ST***	***0 - 1/8 (0.000 mi.)***	***5***	***27***
HANARD MACHINE INC	***795 NW 9TH ST***	***NNE 0 - 1/8 (0.008 mi.)***	***18***	***75***
WEST SALEM DIALYSIS CENTER	***1060 2ND STREET NW***	***S 1/8 - 1/4 (0.130 mi.)***	***31***	***112***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***0 - 1/8 (0.001 mi.)***	***C9***	***41***
LAYTON MANUFACTURING CO	***672 NW MURLARK AVE***	***ESE 0 - 1/8 (0.002 mi.)***	***C12***	***56***
AGRIPAC INC PLT 5	***556 MURLARK AVE NW***	***SE 0 - 1/8 (0.003 mi.)***	***D17***	***68***
RAINSWEET, INC.	***740 BASSETT ST NW***	***SE 0 - 1/8 (0.040 mi.)***	***E21***	***81***
OREGON FRUIT PRODUCTS LLC	***150 PATTERSON ST NW***	***S 1/8 - 1/4 (0.126 mi.)***	***G27***	***98***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALEM ELECTRIC	*633 NW 7TH ST*	*ENE 1/8 - 1/4 (0.147 mi.)*	*I36*	*124*
SALEM TENT AND AWNING	*280 WALLACE RD. NW*	*ESE 1/8 - 1/4 (0.185 mi.)*	*56*	*159*
RITCHIES CHEVRON SVC	*1115 NW WALLACE RD*	*NE 1/8 - 1/4 (0.201 mi.)*	*J57*	*163*
HAROLDS QUALITY AUTO RPR INC	*675 NW BARTELL DR NW ST*	*E 1/8 - 1/4 (0.237 mi.)*	*M62*	*169*

State and tribal institutional control / engineering control registries

ENG CONTROLS: 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.

A review of the ENG CONTROLS list, as provided by EDR, and dated 10/01/2012 has revealed that there is 1 ENG CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTGATE CLEANERS	*697 WALLACE RD. NW*	*ENE 1/8 - 1/4 (0.173 mi.)*	*I49*	*142*

INST CONTROL: Sites with Engineering or Institutional Controls.

A review of the INST CONTROL list, as provided by EDR, and dated 10/01/2012 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	*576 PATTERSON AVE*	*0 - 1/8 (0.000 mi.)*	*4*	*14*

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 10/22/2012 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	*576 PATTERSON AVE*	*0 - 1/8 (0.000 mi.)*	*4*	*14*
Not reported	*845 BASSETT ST NW*	*0 - 1/8 (0.000 mi.)*	*B8*	*33*
OREGON FRUIT PRODUCTS LLC	*150 PATTERSON ST NW*	*S 1/8 - 1/4 (0.126 mi.)*	*G27*	*98*

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 09/11/2012 has revealed that there are 6 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***0 - 1/8 (0.000 mi.)***	***4***	***14***
CHIQUITA PROCESSED FOODS LLC	***845 BASSETT STREET NW***	***0 - 1/8 (0.000 mi.)***	***B7***	***30***
WELLIVER METAL PRODUCTS CORP	***672 MURLARK AVE NW***	***ESE 0 - 1/8 (0.002 mi.)***	***C10***	***53***
SHELL OIL PRODUCTS US SAP 1247	585 WALLACE RD NW	E 1/8 - 1/4 (0.151 mi.)	H39	131
FORMER CHROME SHOP CLARENCE PY	***940 EDGEWATER ST***	***SSE 1/8 - 1/4 (0.153 mi.)***	***G41***	***137***
WESTGATE SHOPPING CENTER	695 WALLACE RD NW	E 1/8 - 1/4 (0.173 mi.)	L48	141

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2010 has revealed that there are 5 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE W. SALEM MED	***1160 WALLACE RD NW***	***NE 1/8 - 1/4 (0.232 mi.)***	***61***	***167***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***0 - 1/8 (0.001 mi.)***	***C9***	***41***
LAYTON MANUFACTURING CO	***672 NW MURLARK AVE***	***ESE 0 - 1/8 (0.002 mi.)***	***C12***	***56***
SHELL OIL PRODUCTS US SAP 1247	585 WALLACE RD NW	E 1/8 - 1/4 (0.151 mi.)	H37	129
ODEQ DRY CLEANER WESTGATE CLEA	***697 WALLACE RD NW***	***ENE 1/8 - 1/4 (0.173 mi.)***	***I50***	***152***

DRYCLEANERS: A listing of registered drycleaning facilities in Oregon.

A review of the DRYCLEANERS list, as provided by EDR, and dated 02/06/2012 has revealed that there are 3 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTGATE CLEANERS	590 TAGGART DR NW STE 1	E 0 - 1/8 (0.085 mi.)	22	87
WESTGATE CLEANERS	***525 TAGGART DR NW STE 1***	***E 1/8 - 1/4 (0.138 mi.)***	***H32***	***118***
WESTGATE CLEANERS	***697 WALLACE RD. NW***	***ENE 1/8 - 1/4 (0.173 mi.)***	***I49***	***142***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

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

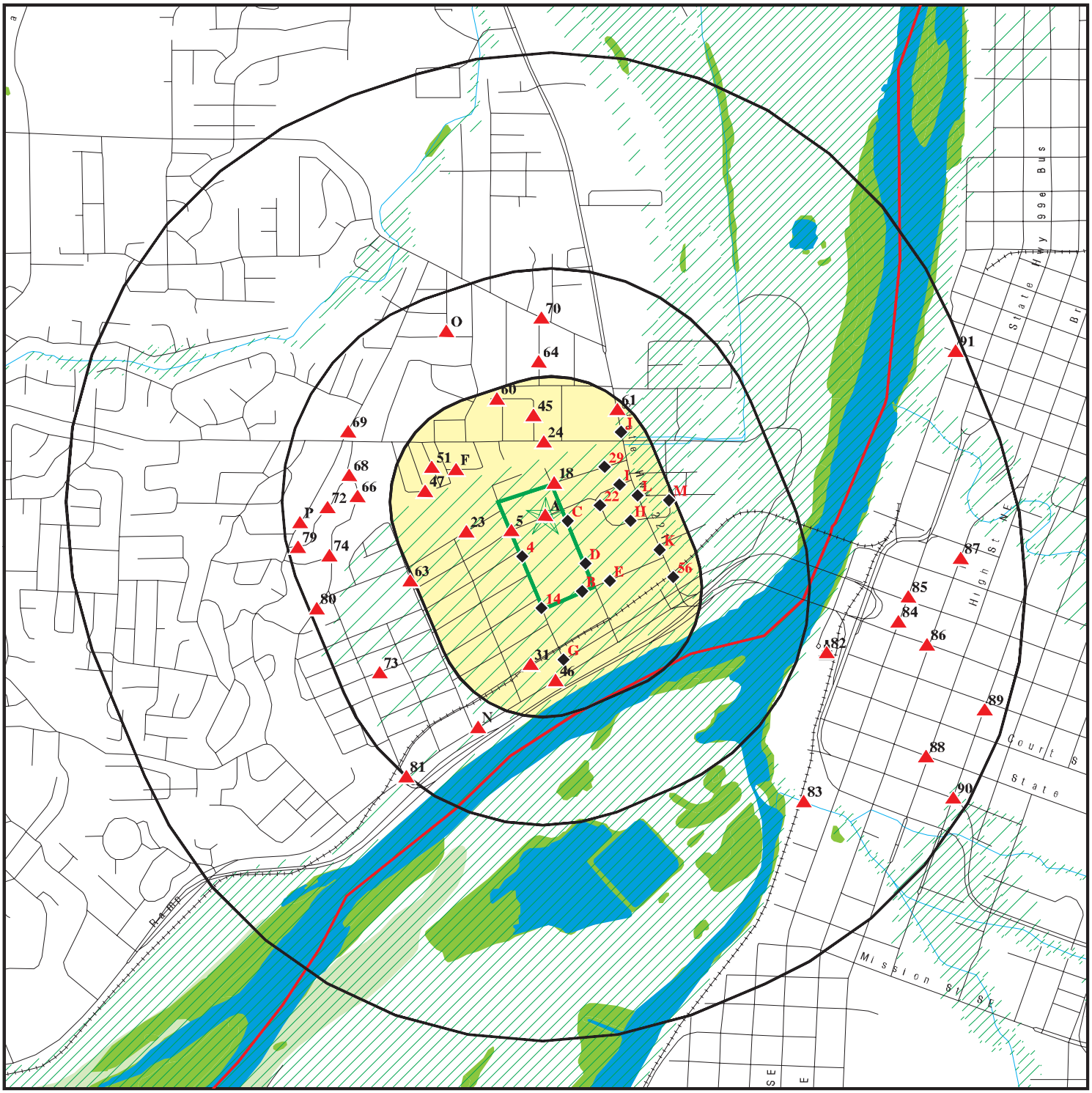
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALEM GAS MANUFACTURING SITE	CHEMEKETA AND WATER STR	ESE 1/2 - 1 (0.560 mi.)	82	182

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 24 records.

Site Name	Database(s)
SALEM AIRPORT DISPOSAL SITE	FINDS, SWF/LF, Financial Assurance
SALEM AIRPORT CRASH FIRE TRAINING	FINDS, ECSI
MILL CREEK DISTRICT PROPERTY, PARC	VCP, ECSI
MILL CREEK DISTRICT PROPERTY, PARC	ECSI
MILL CREEK DISTRICT PROPERTY, PARC	ECSI
SALEM RIVERFRONT PARK PROJECT	FINDS, OR CRL, ENG CONTROLS, INST CONTROL, VCP, BROWNFIELDS, ECSI
PICTSWEET PROPERTIES (FORMER)	VCP, ECSI
SALEM LANDFILL	ECSI
LINDBECK FARM (FORMER)	VCP, ECSI
BPA	AST, HSIS
DERMAC LABS INC	AST, HSIS
JLPN INC	AST, HSIS
VERIZON BUSINESS	AST, HSIS
HARILL LLC PROPERTY	LUST
KINNS, JIM	LUST
SLAGLE PROPERTY	LUST
HEATING OIL TANK	LUST
CAPITAL MANOR INC	RCRA-CESQG, FINDS
MILL CREEK DISTRICT PROPERTY, PARC	FINDS
NW PROPERTY MANAGEMENT DBA JOHN L	FINDS
TAGGESELL PROPERTY	FINDS
STATE PROPERTY HOT	FINDS
ORCHARD RIDGE - LINBECK PROPERTY	NPDES
FRED PATTERSON	NPDES

OVERVIEW MAP - 3489054.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 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: 7th and Patterson Property	CLIENT: Ecology and Environment
ADDRESS: 859 7th St NW Salem OR 97304	CONTACT: Derek Pulvino
LAT/LONG: 44.9477 / 123.0553	INQUIRY #: 3489054.2s
	DATE: January 07, 2013 3:27 pm

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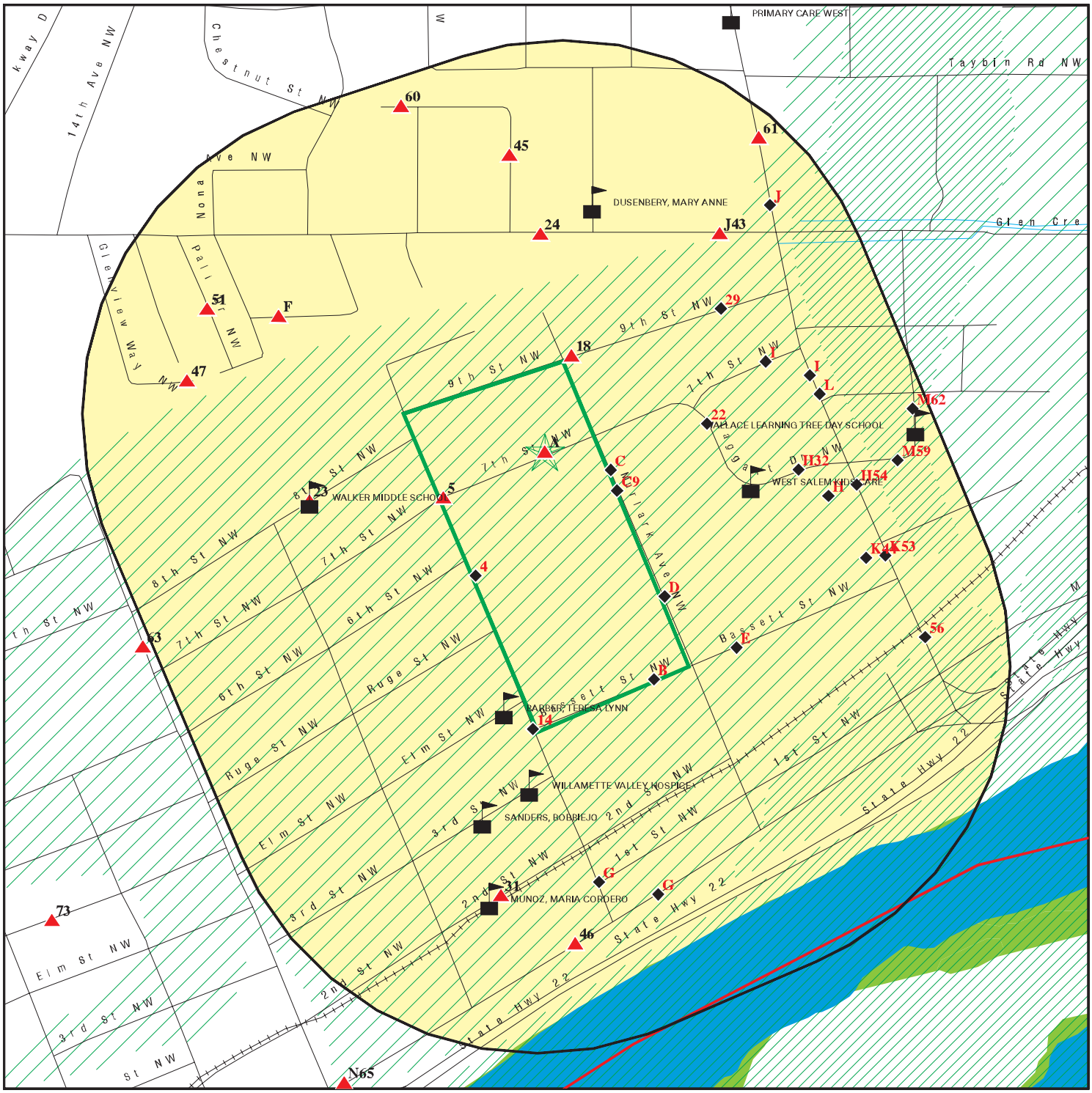
DETAIL MAP - 3489054.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

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: 7th and Patterson Property	CLIENT: Ecology and Environment
ADDRESS: 859 7th St NW	CONTACT: Derek Pulvino
Salem OR 97304	INQUIRY #: 3489054.2s
LAT/LONG: 44.9477 / 123.0553	DATE: January 07, 2013 3:30 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	1	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		3	4	NR	NR	NR	7
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
OR CRL	1.000		1	0	0	0	NR	1
ECSI	1.000		4	5	0	9	NR	18
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	1	5	17	19	NR	NR	42
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		6	7	NR	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		6	6	NR	NR	NR	12
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	1	0	NR	NR	1
INST CONTROL	0.500		1	0	0	NR	NR	1
State and tribal voluntary cleanup sites								
VCP	0.500		2	1	0	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250	1	3	3	NR	NR	NR	7
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP	1	NR	NR	NR	NR	NR	1
MANIFEST	0.250		2	3	NR	NR	NR	5
OR HAZMAT	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		1	3	NR	NR	NR	4
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HSIS	TP	1	NR	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **ASTEN DRYER FABRICS INC**
859 7TH ST NW
SALEM, OR 97304 | **RCRA-NonGen FINDS** | **1000206443**
ORD009036039

Site 1 of 3 in cluster A

Actual: 149 ft.

RCRA-NonGen:

Date form received by agency:	02/21/1996
Facility name:	ASTEN DRYER FABRICS INC
Facility address:	859 7TH ST NW SALEM, OR 97304
EPA ID:	ORD009036039
Mailing address:	PO BOX 5328 SALEM, OR 97304
Contact:	JOHN C HART
Contact address:	PO BOX 5328 SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 364 6894
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ASTEN GROUP, INC
Owner/operator address:	PO BOX 10700 CHARLESTON, SC 29411
Owner/operator country:	US
Owner/operator telephone:	(803) 747-7800
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	02/21/1996
Owner/Op end date:	Not reported

Owner/operator name:	ASTEN DRYER FABRICS INC
Owner/operator address:	PO BOX 5328 SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 364 6894
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	02/21/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

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

ASTEN DRYER FABRICS INC (Continued) **1000206443**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/10/1995
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Date form received by agency: 02/28/1994
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Date form received by agency: 02/17/1993
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Date form received by agency: 04/01/1992
Facility name: ASTEN DRYER FABRICS INC
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004779099

Environmental Interest/Information System
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.

A2 Target Property | **HANARD MACHINE** | **UIC** | **S108060005**
859 7TH STREET NW | **LUST** | **N/A**
SALEM, OR | **HSIS**

Site 2 of 3 in cluster A

Actual: 149 ft.

OR UIC:
UIC Well #: 1
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 12799
Facility Status: Registered & RA
Lat/Long: 44.9476009 / -123.0552

LUST:
Region: Western Region
Facility ID: 27-95-4037
Cleanup Received Date: 03/20/1995
Cleanup Start Date: 03/24/1995
Cleanup Complete Date: 08/27/2012

HANARD MACHINE (Continued) **S108060005**

HSIS:

Facility Id:	065313
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	332710
NAICS Desc 1:	MACHINE SHOPS
NAICS Code 2:	811310
NAICS Desc 2:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAIN
Manager Name:	KEVIN KIRSCH
Business Phone:	5033643952
Mailing Address:	859 7TH ST NW
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	85
Day Phone:	5033643952
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	FRANK KIRSCH JR
Emergency Procedure:	Not reported
Business Type:	MACHINE SHOP & WELDING

Facility:

Facility Id:	065313
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	O
Description:	TOTEBIN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3

HANARD MACHINE (Continued) **S108060005**

Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1993
Chemical Abstract Service Identifier Number: 68476346
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical: Acute Health Hazard
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 3.0
Hazard Class 2 Of The Chemical: 6.3
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: Not reported
EPA Pesticide Registration Number: Not reported
Contains 112R: Not reported
Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

Facility Id: 065313
Physical State Of The Substance: 3
Physical State: GAS
Average Amount Possessed During The Year Code: 11
Maximum Amount Possessed During The Year Code: 11
Applicable Unit Of Measure Code: 3
Description Of The Unit Of Measure: CUBIC FEET
Type Code: L
Description: CYLINDER
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 2
Pressure Description: GREATER THAN NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 500-999
Description Of The Avg Qnty Code: 500-999
Most Hazardous Ingridient: ARGON
United Nations/north America 4 Digit Class Number: 1956
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Chronic Health Hazard
Third Hazardous Class Code For Chemical: Non-flammable Gas
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 6.4
Hazard Class 3 Of The Chemical: 2.2

Chemical:
United Nations/north America 4 Digit Class Number: 1956
Chemical Abstract Service Identifier Number: 7440371

HANARD MACHINE (Continued) **S108060005**

Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: No	

Facility Id:	065313
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2

HANARD MACHINE (Continued) **S108060005**

Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	065313
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No

HANARD MACHINE (Continued) **S108060005**

Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

Facility Id:	065313
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	BASE OIL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	0000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

A3 Target Property | **ASTENHILL MFG CO** | **FINDS** | **1006859791**
859 7TH ST NW | **N/A**
SALEM, OR 97304

Site 3 of 3 in cluster A

Actual: 149 ft.

FINDS:

Registry ID: 110014223937

Environmental Interest/Information System
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.

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4 | **GNB TECHNOLOGIES** | **RCRA-NonGen** | **1000119342**
576 PATTERSON AVE | **FINDS** | **ORD009035684**
< 1/8 | **SALEM, OR 97304** | **OR CRL**
1 ft. | **UST**
INST CONTROL
VCP
ECSI

Relative: Lower

Actual: 148 ft.

RCRA-NonGen:

Date form received by agency:	05/06/2002
Facility name:	GNB TECHNOLOGIES
Facility address:	576 PATTERSON AVE SALEM, OR 97304
EPA ID:	ORD009035684
Mailing address:	PO BOX 250 FRISCO, TX 95034
Contact:	SKIP MESHELLE
Contact address:	13806 NE AIRPORT WAY PORTLAND, OR 97230
Contact country:	US
Contact telephone:	(503) 362-3648
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GNB TECHNOLOGIES INC
Owner/operator address:	375 NORTHRIDGE ROAD ATLANTA, GA 30350
Owner/operator country:	US
Owner/operator telephone:	(770) 551-0300
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/06/2002
Owner/Op end date:	Not reported

Owner/operator name:	GNB TECHNOLOGIES INC
Owner/operator address:	375 NORTHRIDGE ROAD

GNB TECHNOLOGIES (Continued) **1000119342**

ATLANTA, GA 30350
Owner/operator country: US
Owner/operator telephone: (770) 551-0300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/06/2002
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 05/20/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 05/19/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/19/1999
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 04/01/1997
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/01/1996
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/02/1995
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/16/1994
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/24/1993
Facility name: GNB TECHNOLOGIES

GNB TECHNOLOGIES (Continued) **1000119342**

Classification: Not a generator, verified

Date form received by agency: 02/21/1992
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/15/1990
Facility name: GNB TECHNOLOGIES
Site name: GNB INCORPORATED
Classification: Large Quantity Generator

Date form received by agency: 07/23/1982
Facility name: GNB TECHNOLOGIES
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/20/1990
Date achieved compliance: 07/05/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 12/20/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 07/05/1991
Evaluation lead agency: State

FINDS:

Registry ID: 110002149390

Environmental Interest/Information System

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.

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

GNB TECHNOLOGIES (Continued) **1000119342**

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.

CRL:

Facility ID:	358
Location ID:	1130
Status Code:	LIS
Facility Status:	No Further Action (Conditional)
Lat/Long:	44.9461 / -123.0561

UST:

Facility ID:	4338
Facility Telephone:	(503) 362-3647
Permittee Name:	EARL PETERSON, PLANT MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

OR INSTUTIONAL CONTROL:

Site Control Sequence #:	175
Site Id:	358
Control Sequence #:	3
Begin Date:	09/01/1999
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Marilyn Daniel
Last Review Date:	09/01/1999
Last Updated By:	GWISTAR
Last Updated Date:	07/17/2003
Group Sequence #:	2
Control Code:	EES
Control Description:	Easement Equitable Servitude
FK Type Code:	1
Group Code:	PR
Group Description:	Proprietary
Type Code:	I
Type Description:	Institutional
Comments:	EE&S filed w/Polk County - restricts management of excavated soils, and limits land use options.

Site Control Sequence #:	176
Site Id:	358
Control Sequence #:	5
Begin Date:	09/01/1999
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Marilyn Daniel
Last Review Date:	09/01/1999
Last Updated By:	GWISTAR
Last Updated Date:	08/15/2008

GNB TECHNOLOGIES (Continued) **1000119342**

Group Sequence #: 2
Control Code: USL
Control Description: Use Restriction Land
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Site is limited to industrial or commercial use only.

VCS:
ECS Site ID: 358
CRL: LIS
Facility Size: 4 acres
Action: No Further Action (Conditional)
Start Date: 11/17/1999
End Date: 11/17/1999
Project Manager Name: Marilyn Daniel
Program: VCP

ECSI:

State ID Number:	358	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Listed on the CRL/Inventory
FACA ID:	1130	Further Action:	0
Lat/Long (dms):	44 56 46.00 / -123 3 22.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1100	Size:	4 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	12/06/2007
Alias Name:	Gould Battery		

Hazardous Release:
Substance ID.: 121982
Haz Release ID: 383796
Qty Released: unknown
Date Released: Unknown
Update Date: 01/09/1988
Update By: Not reported
Substance Code: ECD169
Substance Name: DIESEL - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 303958
Release Code: Data Sources

GNB TECHNOLOGIES (Continued) **1000119342**

Release Comments: DEQ observation 5-4-88
Sampling Result ID: 345137
Feature Id: Not reported
Hazard Release Id: 383796
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 2400 ppm
Last Update By: CONV
Update Date: 09/13/1994

Substance ID.: 121639
Haz Release ID: 383797
Qty Released: Unknown
Date Released: Unknown
Update Date: 01/09/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303957
Release Code: Data Sources
Release Comments: GNB Inc Letter and lab report-directed to DEQ on 11-19-85
Sampling Result ID: 346258
Feature Id: Not reported
Hazard Release Id: 383797
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported

GNB TECHNOLOGIES (Continued) **1000119342**

Sample Comment: 1,800 ppm
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5728897
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: In 11/85, appproximately 5,000-6,000 lbs of lead oxide were released when a pressure valve on a delivery truck malfunctioned during unloading. Surface soil samples were subsequently collected around the site; up to 1,700 ppm lead was detected. DEQ gave provisional sign off after a partial cleanup was completed. In 5/88, an underground pipe was damaged, releasing diesel to subsurface soils. During cleanup, workers encountered a heating oil tank associated with the pipeline. GNB removed some petroleum-contaminated soils in 1988. In 2/91, DEQ notified GNB that the Dept. planned to conduct a PA and offered GNB the opportunity to do it themselves with VCP oversight. GNB entered the VCP in June 1991, submitted a PA and soil sampling plan in June 1991, implemented the plan in January 1993, and submitted the data report in March 1993. GNB decommissioned all battery manufacturing equipment and associated process lines in August and September 1993. They installed four groundwater monitoring wells in January 1994; installed a fifth well and collected additional soil samples in October 1994; and collected additional soil samples in September 1995 to complete the characterization. There appears to be limited lead contamination in subsurface soils and none in groundwater. Lead contaminated soils were removed to depths of approximately 3-8 ft in two smll areas at the site in June 1998. All 5 monitoring wells abandoned in June 1998. Residual concentrations of lead in soils do not exceed the Industrial Maximum Allowable Soil Concentration (2,000 mg/Kg). An Equitable Servitude and Easement was filed in Polk County as an attachment to the property deed in Sept. 1999 as notice re: the presence of lead above residential standards. Otherwise, no further action is required.

NARR ID: 5728898
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: ECP Files - WR Eugene

NARR ID: 5728899
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: lead oxide dust, diesel fuel

NARR ID: 5728900
NARR Code: Manner of Release
Created By: Not reported

GNB TECHNOLOGIES (Continued) **1000119342**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead oxide released when pressure valve of delivery truck malfunctioned (11/85); diesel released when underground heating oil tank line ruptured (5/88); battery manufacturing processes may have contributed to on-site lead releases (1945-1989).

NARR ID: 5728901
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Company changed ownership and name in early 1984 from Gould, Inc. to GNB Batteries, Inc.

NARR ID: 5728902
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead is present above residential standards in on-site soils; but is not present in groundwater. The site is located in a residential neighborhood, although there are industrial sites adjacent to the facility.

NARR ID: 5728903
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/15/2008
NARR Comments: GNB has completed field activities to define the nature and extent of soil & groundwater contamination at the site. Soil removal was completed & monitoring wells abandoned in June 1998. Lead contamination remaining in on-site soils does not exceed 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. An Equitable Servitude and Easement was attached to the property deed in September 1999 and the site remains on the CRL and Inventory because of the residual lead in soils. In November 1999, DEQ determined that no further action was required.
(5/10/04 NHG/VCP) Current property owner contacted DEQ first week in May 2004 regarding commercial use of the property. Site has been cleaned up to industrial/commercial levels. DEQ concurred with commercial use, providing it was consistent with current zoning requirements. Concurrence documented in DEQ ECSI No. 358 files.

NARR ID: 5750634
NARR Code: 1922
Created By: GWISTAR
Created Date: 07/10/2008
Updated By: GWISTAR
Updated Date: 07/10/2008
NARR Comments: Soil removal was completed & monitoring wells abandoned in 1998. Lead

GNB TECHNOLOGIES (Continued) **1000119342**

contamination remaining in soil is below 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. In November 1999, DEQ determined that no further action was required at the site, on the condition that site use remained industrial or commercial, and that a soil-management plan be developed in the event soil disturbance were anticipated in conjunction with redevelopment.

Site Control:

Site Control #:	175
Control Number:	3
Begin Date:	09/01/1999
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Marilyn Daniel
Last Reviewed Date:	09/01/1999
Last Update By:	GWISTAR
Last Updated Date:	07/17/2003
Site Comment:	EE&S filed w/Polk County - restricts management of excavated soils, and limits land use options.

Site Control #:	176
Control Number:	5
Begin Date:	09/01/1999
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Marilyn Daniel
Last Reviewed Date:	09/01/1999
Last Update By:	GWISTAR
Last Updated Date:	08/15/2008
Site Comment:	Site is limited to industrial or commercial use only.

Administrative Action:

Admin ID:	723414	Action ID:	9431
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/25/1991	Complete Date:	Not reported
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	HOLD	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Place on hold		
Further Action:	Not reported		
Comments:	(Pending results of Groundwater investigation)		

Admin ID:	723442	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/24/1991	Complete Date:	09/24/1991
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718303	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters

GNB TECHNOLOGIES (Continued) **1000119342**

Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724884	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705778	Action ID:	9434
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/01/1999	Complete Date:	09/01/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ICON	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Institutional Control		
Further Action:	Not reported		
Comments:	ES & E filed w/Polk County; restrictions on management of excavated soils, limits site to industrial use only.		

Admin ID:	710720	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/01/1993	Complete Date:	09/01/1993
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Not reported		
Comments:	GNB decommisioned all battery manufacturing equip. and associated process line s in 8/93 and 9/93.		

Admin ID:	720897	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/25/1991	Complete Date:	09/14/1992
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		

GNB TECHNOLOGIES (Continued) **1000119342**

Further Action: Not reported
Comments: (Started by MJZ/SAS, transfered to VCS)

Admin ID:	721320	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/03/1992	Complete Date:	01/03/1993
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	711448	Action ID:	9438
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/22/1997	Complete Date:	01/22/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility placed on Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	711449	Action ID:	9439
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/22/1997	Complete Date:	01/22/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility placed on Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715237	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1991	Complete Date:	01/24/1991
Substance Code:	SAS	Rank Value:	0
Employee Id:	26	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715238	Action ID:	9497
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1991	Complete Date:	01/24/1991
Substance Code:	SAS	Rank Value:	0
Employee Id:	26	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

GNB TECHNOLOGIES (Continued) **1000119342**

Action Code:	RPAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Preliminary Assessment Equivalent recommended (PAE)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715383	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/02/1992	Complete Date:	03/02/1992
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	721785	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/01/1992	Complete Date:	06/30/1998
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703867	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/17/1999	Complete Date:	11/17/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Action (Conditional)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713190	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713191	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996

GNB TECHNOLOGIES (Continued) **1000119342**

Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713288	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713289	Action ID:	9467
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	131780
Operation Status:	Inactive
Common Name:	GNB Battery
Yrs of Operation:	1945 - 1997
Comments:	Auto & truck lead acid storage battery mfg plant 1945-1989; operated as warehs only; all battery mfg. equip & lines decommissioned 1993; vacated 1998
Updated Date:	09/26/2000
Operations SIC Id:	195317
SIC Code:	3691
Created By:	Not reported
Created Date:	12/17/2002
Operations SIC Id:	195318
SIC Code:	4953
Created By:	Not reported
Created Date:	12/17/2002

5 **RAM STEELCO INC** **AST** **S106899841**
992 NW 7TH ST **HSIS** **N/A**
< 1/8 **SALEM, OR 97304**
1 ft.

Relative:
Higher

Actual:
150 ft.

AST:

Facility Id:	022049
Hazardous Substance:	OXYGEN LIQUID
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	022049
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	W SALEM MACHINERY CO
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	423510
NAICS Desc 1:	METAL SERVICE CENTERS AND OTHER METAL MERCHANT WHOLESALERS
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	MARK LYMAN PRESIDENT
Business Phone:	5035881311
Mailing Address:	PO BOX 5288
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	15
Day Phone:	5035881311
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	GREG LANG
Emergency Procedure:	Not reported
Business Type:	STEEL WHSE

Facility:

Facility Id:	022049
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

RAM STEELCO INC (Continued) **S106899841**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	022049
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	CRYOGENIC CONDITIONS
Temperature of The Hazardous Substance Code:	7
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1073
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

RAM STEELCO INC (Continued) **S106899841**

First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	6.3

Chemical:

United Nations/north America 4 Digit Class Number:	1073
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	6.3
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	022049
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	S
Description:	DEWAR
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	NITROGEN
United Nations/north America 4 Digit Class Number:	1977
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	6.3

RAM STEELCO INC (Continued) **S106899841**

Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1977
Chemical Abstract Service Identifier Number: 7727379
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Non-flammable Gas
Second Hazardous Class Code For Chemical: Acute Health Hazard
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: 6.3
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

B6 **AGRIPAC INC PLANT #1** **UST** **1000260824**
845 BASSETT ST NW **N/A**
< 1/8 **SALEM, OR 97304**
1 ft.

Site 1 of 3 in cluster B

Relative:
Lower

Actual:
146 ft.

UST:
Facility ID: 2874
Facility Telephone: (503)371-5707
Permittee Name: TOM SODEMAN, PLANT MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 7
Number of Tanks: 7

B7 **CHIQUITA PROCESSED FOODS LLC** **RCRA-NonGen** **1004580409**
845 BASSETT STREET NW **FINDS** **ORD009022815**
< 1/8 **SALEM, OR 97304**
1 ft.

Site 2 of 3 in cluster B

Relative:
Lower

Actual:
146 ft.

RCRA-NonGen:
Date form received by agency: 12/31/2003
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Facility address: 845 BASSETT ST NW
SALEM, OR 97304
EPA ID: ORD009022815
Mailing address: 1745 OXFORD ST SE
SALEM, OR 97302
Contact: WAYNE WHITTINGTON
Contact address: 845 BASSETT ST NW
SALEM, OR 97304-3854
Contact country: US
Contact telephone: 503 763-5808
Contact email: Not reported

CHIQUITA PROCESSED FOODS LLC (Continued) **1004580409**

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

Owner/Operator Summary:
Owner/operator name: CHIQUITA PROCESSED FOODS LLC
Owner/operator address: 150 W FIRST ST
NEW RICHMOND, WI 54017
Owner/operator country: US
Owner/operator telephone: (715) 246-2241
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2003
Owner/Op end date: Not reported

Owner/operator name: CHIQUITA PROCESSED FOODS LLC
Owner/operator address: 150 W FIRST ST
NEW RICHMOND, WI 54017
Owner/operator country: US
Owner/operator telephone: (715) 246-2241
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/01/1999
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/22/2003
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Classification: Not a generator, verified

Date form received by agency: 01/08/2002
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Classification: Not a generator, verified

Date form received by agency: 01/26/2001
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Classification: Not a generator, verified

Date form received by agency: 02/29/2000

CHIQUITA PROCESSED FOODS LLC (Continued) **1004580409**

Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Classification: Not a generator, verified

Date form received by agency: 02/28/2000
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 01/22/1999
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 02/03/1998
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 01/21/1997
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 01/04/1996
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 02/24/1995
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 01/05/1994
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 03/01/1993
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Date form received by agency: 04/01/1992
Facility name: CHIQUITA PROCESSED FOODS SALEM PROC PLT
Site name: AGRIPAC INC PLT 1
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

FINDS:

Registry ID: 110000549648

CHIQUITA PROCESSED FOODS LLC (Continued) **1004580409**

Environmental Interest/Information System

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.

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

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

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.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

B8 **SPILLS** **S105523306**
845 BASSETT ST NW **OR HAZMAT** **N/A**
< 1/8 **SALEM, OR** **VCP**
1 ft. **ECSI**

Site 3 of 3 in cluster B

Relative: Lower

Actual: 146 ft.

OR SPILLS:

Year:	Not reported
Facility ID:	93-1175
Spill Date:	12/30/1994
Material:	WHITE KEROSENE
Quantity:	1000
Unit of Measure:	Not reported
How Occurred:	BULK CARRIER TRUCK OVERTURNED/BURND
Release Date:	/ /
Description:	Not reported
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	ESTACADA OIL CO.
Responsible Contact:	Not reported
Responsible Address:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Country:	Not reported

(Continued) **S105523306**

HAZMAT:

Responsble Party:	TOM SODEMAN
RP Company:	AGRIPAC INC
RP Address:	325 PATTERSON ST NW
RP City,St,Zip:	SALEM, OR 97304
Facility ID:	890458
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/23/1991
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	890458
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FM
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	09/18/1989
Call Time:	2:00:00 PM
In Route:	12:00:00 AM
Arrival:	2:04:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	5:48:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	True
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	909124
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land

(Continued) **S105523306**

Area Type:	Industrial
Responsible Party(Ies):	TOM SODEMAN
Company:	AGRIPAC INC
Respcontact:	Not reported
Address:	325 PATTERSON ST NW
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97304
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	5646
Chemical Id:	35430
Incident Id:	890458
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Method:

Method Used Id:	4348
Incident Id:	890458
Identity Method:	5

Released:

Release Behavior Id:	1043
Incident Id:	890458
Behavior:	1

Release Behavior Id:	3678

(Continued) **S105523306**

Incident Id: 890458
Behavior: 4

Narrative:
Narrative Id: 2732
Incident Id: 890458
Incident Narrative: FAILURE OF AMMONIA REFRIGERATION CONTROL VALVE/LINE ASSEMBLY. UNKNOWN HOW MUCH ESCAPED INTO ATMOSPHERE. PLANT PERSONNEL DISCOVERED, REPORTED, CONTAINED AND CONTROLLED. SALEM FIRE & POLLUTION CONTROL ASSISTED WITH REMOVAL AND STOOD BY DURING REPAIR. AGRI PAC..EMPLOYEES ADVISING IT AT THIS TIME..IS NOT LEAKING INTO THE BUILDING..THEY ARE ADVISING THEY HAVE IT UNDER CONTROL AND ALMOST HAVE IT CONTAINED AT THIS TIME..THEY DIDN'T WANT A FULL HAZMAT RESPONSE..
Incident Date: 9/18/1989

VCS:
ECS Site ID: 4699
CRL: NFA
Facility Size: 6.56 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 12/08/2008
End Date: 12/08/2008
Project Manager Name: Katie Robertson
Program: ICP

ECSI:

State ID Number:	4699	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	831	Investigation:	No Further Action
FACA ID:	1205	Further Action:	0
Lat/Long (dms):	44 56 41.60 / -123 3 18.40	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1200	Size:	6.56 acres
NPL:	False	Orphan:	False
Updated By:	KROBERT	Update Date:	12/15/2008
Alias Name:	Chiquita Processed Foods		
Alias Name:	Truitt Bros.		

Hazardous Release:
Substance ID.: 121781
Haz Release ID: 387704
Qty Released: unk
Date Released: unk
Update Date: 02/23/2011
Update By: GWISTAR
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported

(Continued) **S105523306**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

Narrative:
NARR ID: 5748596
NARR Code: Data Sources
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: MENGLIS
Updated Date: 09/05/2006
NARR Comments: Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, December 2003 Additional Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, February 2004

NARR ID: 5748593
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 01/12/2007
NARR Comments: Groundwater: 1,1,1-trichloroethane, 1,1-dichloroethane, chloroform, cis-1,2-dichloroethene, dichlorofluoromethane, perchloroethene, trichloroethene.

NARR ID: 5748594
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 04/02/2009
NARR Comments: (8/30/06 GB/VCP) More data is needed on-site to determine the source of TCE detected in a groundwater boring on the edge of the property.

(Continued) **S105523306**

The site is across the street from a residential area. (9/17/07 KJR/VCP) ICP letter agreement received.

(10/22/08 KJR/VCP) Multiple site investigations have been performe d at the site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.

Based on the groundwater data the highest concentrations of TCE we re detected in borings B-4 (51 ug/l) and MW-3 (64 ug/l). B-4 is near the former vehicle maintenance and machine shop in Building 6, and MW-3 is near the northern corner of the former vegetable preparation building. These data points suggest there could be an as yet unidentified source of TCE on the site. Regionally, groundwater would be expected to flow towards the Willamette River, or to the south-southeast. However, given the lack of groundwater flow data at the site, it is not possible to further define the source of the TCE contamination detected in groundwater.

Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.

Analytical data was compared to generic risk based concentrations (RBCs) listed in DEQ?s RBDM guidance. Detected concentrations of various compounds in soil samples were all less than their most stringent residential generic RBCs for all pathways. Detected concentrations of various compounds in groundwater samples did not exceed their respective generic RBCs for any relevant receptor or pathway.

The site has been proposed for risk-based closure following a 30 d ay public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific CSM.

Copy of SI reports and DEQ's Proposed NFA Decision Document are av ailible in the site document section of this database. Public comment period ends 12/1/08.

(12/15/08 KJR/VCP) No comments received. NFA letter issued 12/8/08 , a copy of which is available for viewing in the site document section of this database.

NARR ID: 5750935
NARR Code: Water Use (Current/Reasonably Likely)
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 10/22/2008
NARR Comments: A water beneficial use survey was completed for the Site and surrounding area. Beneficial use of groundwater at the Site or immediate vicinity was not identified. A well survey was completed

(Continued) **S105523306**

for the site extending for a +-mile radius. Two water wells were identified over 600 feet southwest of the site. One is not used and the other reportedly is used but no other information on the type of use was given by the property owner.

NARR ID: 5750934
NARR Code: Site History
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 10/22/2008
NARR Comments: The site was developed as a food processing facility in the early 1930s. The site had various configurations through 1963 by which most of the current buildings were in place. A wastewater pond was located on the site from about 1963 through about 1990 at which time the pond was filled and paved over with asphalt. A vegetable processing area was located in the southern portion of the Site. The buildings associated with the vegetable processing area along with a drive through scale and scale house were removed by 2004.
Currently the Site consists of three large warehouses; No. 5, No. 6, and No. 7. Warehouse No. 5 and No. 7 are used to store dry goods. Warehouse No. 5 also contains can labeling equipment. Warehouse No. 6 is used to store canned foods. A small machine shop and vehicle maintenance area was located in Warehouse No. 6 until about 1999.

NARR ID: 5750936
NARR Code: 1922
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 12/15/2008
NARR Comments: [Dec. 2008] Multiple site investigations have been performed at the site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.
Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.
The site was been proposed for a risk-based closure following a 30 day public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific
CSM.
No Further Action letter issued on 12/8/08. Copy of SI reports, s taff report, and NFA are availible in the site document section of this database.

Administrative Action:

Admin ID:	735856	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	10/22/2008

(Continued) **S105523306**

Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	10/22/2008
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	735954	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	12/08/2008	Complete Date:	12/08/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	12/15/2008
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	732800	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	09/05/2006	Complete Date:	09/05/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/05/2006
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	734165	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/05/2006	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MCLAIR	Created Date:	07/13/2007
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	Signed ITP received, site placed on ICP/VCP Waiting List.		

Admin ID:	734381	Action ID:	9440
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	LTAG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Letter Agreement		
Further Action:	0		
Comments:	Not reported		

(Continued) **S105523306**

Admin ID:	734382	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	12/15/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Not reported		

C9 **WEST SALEM MACHINERY CO** **RCRA-CESQG** **1000644656**
665 MURLARK AVE NW **FINDS** **ORD987194974**
< 1/8 **SALEM, OR 97304** **LUST**
0.001 mi. **UST**
4 ft. **Site 1 of 5 in cluster C** **AST**
MANIFEST
Relative: **SPILLS**
Lower **HSIS**

Actual:
148 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2004
Facility name:	WEST SALEM MACHINERY CO
Facility address:	665 MURLARK AVE NW SALEM, OR 97304
EPA ID:	ORD987194974
Mailing address:	PO BOX 5288 SALEM, OR 97304
Contact:	GREG LANG
Contact address:	PO BOX 5288 SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 364-2213
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WEST SALEM MACHINERY CO
Owner/operator address:	PO BOX 5288 SALEM, OR 97304

WEST SALEM MACHINERY CO (Continued) **1000644656**

Owner/operator country: US
Owner/operator telephone: (503) 364-2213
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2004
Owner/Op end date: Not reported

Owner/operator name: WEST SALEM MACHINERY HOLDING CO
Owner/operator address: 665 MURLARK AVE NW
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: (503) 364-2213
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/14/1992
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/31/2003
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/25/2003
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/27/2002
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/26/2001
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 04/14/2000
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/18/1999

WEST SALEM MACHINERY CO (Continued) **1000644656**

Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/25/1998
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/03/1997
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/01/1996
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/01/1995
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/16/1994
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 09/27/1993
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/14/1992
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Facility Has Received Notices of Violations:
Regulation violated: FR - 40 CFR 265
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.34
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE

WEST SALEM MACHINERY CO (Continued) **1000644656**

Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 62.34(c)(1)(ii)
Area of violation: Generators - Pre-transport
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.37
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - OAR 340-135-0050(c)
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 262.34(d)(5)
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000

WEST SALEM MACHINERY CO (Continued) **1000644656**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - OAR 340-102-0011
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.173
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/06/2000
Evaluation lead agency: State

Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/06/2000
Evaluation lead agency: State

FINDS:

Registry ID: 110004804463

Environmental Interest/Information System
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

WEST SALEM MACHINERY CO (Continued) **1000644656**

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.

LUST:

Region:	Western Region
Facility ID:	27-90-4192
Cleanup Received Date:	08/16/1990
Cleanup Start Date:	08/15/1990
Cleanup Complete Date:	**06/04/2010**

UST:

Facility ID:	7954
Facility Telephone:	(503)364-2213
Permittee Name:	RON LYMAN, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

AST:

Facility Id:	002192
Hazardous Substance:	PROPANE
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

OR MANIFEST:

Manifest Year:	Manifest Year - 2004
EPA Id:	ORD987194974
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Greg
Contact Last Name:	Lang
Contact Telephone Number:	(503) 364-2213
Mailing Address:	PO Box 5288
Mailing City:	Salem
Mailing State:	OR
Mailing Zip:	97304

RCRA Id :	ORD987194974
Inactive :	Not reported
Year :	2004
Status :	Conditionally exempt generator
Manifest :	53702
Ship Date :	3/30/2004
TSD :	ORD981766124

WEST SALEM MACHINERY CO (Continued) **1000644656**

WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 20
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status : Conditionally exempt generator
Manifest : 89755
Ship Date : 4/30/2004
TSD : TXD077603371
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 389
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status : Conditionally exempt generator
Manifest : 45890
Ship Date : 2/13/2004
TSD : ORD981766124
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 36
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status : Conditionally exempt generator
Manifest : 25862
Ship Date : 2/18/2004
TSD : KYD053348108
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 401
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005

WEST SALEM MACHINERY CO (Continued) **1000644656**

Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

OR SPILLS:
Year: Not reported
Facility ID: 01-2783
Spill Date: Not reported
Material: Process water, etc.
Quantity: 800
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 10/26/2001
Description: 2,600 gallon water tank - fitting broken by worker using flame cutting table - 800 gallons water released.
Location: Not reported
Lat/Long: 44.9474 / -123.0543
Source: Industrial Plant
Material: Not reported
Media: Not reported
Responsible Company: West Salem Machinery
Responsible Contact: Greg Lang
Responsible Address: 992 7th St NW
Responsible City,St,Zip: Salem, OR 97304-3807
Responsible Country: MARION

HSIS:
Facility Id: 002192
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: Yes
Contains 112R: No
NAICS Code 1: 333210
NAICS Desc 1: SAWMILL AND WOODWORKING MACHINERY MANUFACTURING
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: MARK LYMAN PRESIDENT
Business Phone: 5033642213
Mailing Address: PO BOX 5288
Mailing City,St,Zip: SALEM, OR 97304
No. of Employees: 45
Day Phone: 5033642214
Placard: No
Fire Dept Code: 0321
Sprinkler System: Yes
Emergency Contact: GREG LANG
Emergency Procedure: Not reported
Business Type: MFG OF SAWMILL EQUIP STRADDLE CARRIERS JOB SHOP

Facility:
Facility Id: 002192
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 10
Applicable Unit Of Measure Code: 2

WEST SALEM MACHINERY CO (Continued) **1000644656**

Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	BASE LUBRICATING OILS
United Nations/north America 4 Digit Class Number:	1270
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1270
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	002192
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	1013
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1013
Chemical Abstract Service Identifier Number:	124389
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE

WEST SALEM MACHINERY CO (Continued) **1000644656**

Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	180
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	XYLENE
United Nations/north America 4 Digit Class Number:	1307
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1307
Chemical Abstract Service Identifier Number:	1330207
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	01
Maximum Amount Possessed During The Year Code:	01
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False

WEST SALEM MACHINERY CO (Continued) **1000644656**

Description Of The Max Qnty Code:	5-9
Description Of The Avg Qnty Code:	5-9
Most Hazardous Ingridient:	SOLVENT NAPHTHA (PETROLEUM)
United Nations/north America 4 Digit Class Number:	1268
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1268
Chemical Abstract Service Identifier Number:	64742887
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2

WEST SALEM MACHINERY CO (Continued) **1000644656**

Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Non-flammable Gas
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1956
Chemical Abstract Service Identifier Number: 7440371
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Non-flammable Gas
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: Not reported
EPA Pesticide Registration Number: Not reported
Contains 112R: Not reported
Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

C10 **WELLIVER METAL PRODUCTS CORP** **RCRA-NonGen** **1000644436**
ESE **672 MURLARK AVE NW** **FINDS** **ORD987192770**
< 1/8 **SALEM, OR 97304**
0.002 mi.
12 ft. **Site 2 of 5 in cluster C**

Relative:
Lower

Actual:
148 ft.

RCRA-NonGen:
Date form received by agency: 01/06/1992
Facility name: WELLIVER METAL PRODUCTS CORP
Facility address: 672 MURLARK AVE NW
SALEM, OR 97304
EPA ID: ORD987192770
Mailing address: NO MAILING ADDRESS
NO MAILING CITY, OR
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 10
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

WELLIVER METAL PRODUCTS CORP (Continued) **1000644436**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/07/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110007740294

Environmental Interest/Information System
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.

C11 **LAYTON MANUFACTURING CO., INC** **RCRA-CESQG** **1011490911**
ESE **672 MURLARK AVE NW** **ORQ000027474**
< 1/8 **SALEM, OR 97304**
0.002 mi.
12 ft. **Site 3 of 5 in cluster C**

Relative:
Lower

Actual:
148 ft.

RCRA-CESQG:
Date form received by agency: 03/14/2008
Facility name: LAYTON MANUFACTURING CO., INC
Facility address: 672 MURLARK AVE NW
SALEM, OR 97304-3813
EPA ID: ORQ000027474
Contact: JOHN LAYTON
Contact address: 672 MURLARK AVE NW
SALEM, OR 97304
Contact country: US
Contact telephone: 503 585-4888

LAYTON MANUFACTURING CO., INC (Continued) **1011490911**

Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: LAYTON MANUFACTURING CO. INC
Owner/operator address: 672 MURLARK AVE. NW
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: 503 585-4888
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1960
Owner/Op end date: Not reported

Owner/operator name: LAYTON MANUFACTURING CO. INC
Owner/operator address: 672 MURLARK AVE. NW
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: 503 585-4888
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/14/2008
Owner/Op end date: Not reported

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

LAYTON MANUFACTURING CO., INC (Continued) **1011490911**

Historical Generators:
Date form received by agency: 12/31/2007
Facility name: LAYTON MANUFACTURING CO., INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/29/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

C12
ESE
< 1/8
0.002 mi.
12 ft.

LAYTON MANUFACTURING CO
672 NW MURLARK AVE
SALEM, OR 97304

AST **S109052215**
MANIFEST **N/A**
HSIS

Site 4 of 5 in cluster C

Relative:
Lower

Actual:
148 ft.

AST:
Facility Id: 006342
Hazardous Substance: PROPANE
Reporting Quantities: 50-199
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

Facility Id: 006342
Hazardous Substance: ARGON
Reporting Quantities: 1,000-4,999
Quantity Units: CUBIC FEET
Physical State: GAS
Storage 1: ABOVEGROUND TANK

OR MANIFEST:
Manifest Year: Manifest Year - 2007
EPA Id: ORQ000027474
Inactive Status: Not reported
Organization Name: Not reported
Contact First Name: Mary
Contact Last Name: Drushella
Contact Telephone Number: 503 585-4888
Mailing Address: 672 Murlark Ave NW
Mailing City: Salem
Mailing State: OR
Mailing Zip: 97304

HSIS:
Facility Id: 006342
Chemical Is Extremely Hazardous Substance (EHS): No

LAYTON MANUFACTURING CO (Continued) **S109052215**

Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	333120
NAICS Desc 1:	CONSTRUCTION MACHINERY MANUFACTURING
NAICS Code 2:	333294
NAICS Desc 2:	FOOD PRODUCT MACHINERY MANUFACTURING
Manager Name:	JOHN LAYTON
Business Phone:	5035854888
Mailing Address:	672 NW MURLARK AVE
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	40
Day Phone:	5035854888
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	JOHN LAYTON
Emergency Procedure:	FRONT OFFICE PRODUCTION OFFICE LUNCH RM
Business Type:	MFG CONSTRUCTION & FOOD PROCESSING MACHINERY

Facility:

Facility Id:	006342
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	00
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	0-4
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447

LAYTON MANUFACTURING CO (Continued) **S109052215**

Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	006342
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	ACETYLENE
United Nations/north America 4 Digit Class Number:	1001
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1001
Chemical Abstract Service Identifier Number:	74862
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1

LAYTON MANUFACTURING CO (Continued) **S109052215**

Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	006342
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1263
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1263
Chemical Abstract Service Identifier Number:	64742478
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported

LAYTON MANUFACTURING CO (Continued) **S109052215**

Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

Facility Id:	006342
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HELIUM
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440597
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

LAYTON MANUFACTURING CO (Continued) **S109052215**

Facility Id:	006342
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

C13
ESE
< 1/8
0.002 mi.
12 ft.

WELLIVER WELDING WORKS INC
672 MURLARK AVE NW
SALEM, OR 97304

Site 5 of 5 in cluster C

UST **U000434089**
N/A

Relative:
Lower

Actual:
148 ft.

UST:

Facility ID:	4335
Facility Telephone:	(503)362-1568
Permittee Name:	KEITH A BURKHART, ASSISTANT MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

14
South
< 1/8
0.003 mi.
14 ft.

325 PATTERSON ST NW
SALEM, OR

SPILLS **S102081253**
ECSI **N/A**

Relative:
Lower

Actual:
147 ft.

OR SPILLS:

Year:	Not reported
Facility ID:	94-1360
Spill Date:	Not reported
Material:	Not reported
Quantity:	0
Unit of Measure:	Not reported
How Occurred:	Not reported
Release Date:	/ /
Description:	20 gallon contained to raod and cleaned it up (diesel oil) from overturned truck with ruptured tank. Hazmat responded and cleaned up spill. Contained to asphalt. New information: Spill impacted shoulder. Spencer environmental hired.
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	I-5
Responsible Contact:	Not reported
Responsible Address:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Country:	Not reported

Year:	Not reported
Facility ID:	94-1360
Spill Date:	Not reported
Material:	Not reported
Quantity:	0
Unit of Measure:	Not reported
How Occurred:	Not reported
Release Date:	/ /
Description:	Hwy 58 MP 49 - 2 Semis in accident. Vehicles on fire. 50 gallons of diesel released. One fatality and one critical.
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported

(Continued) **S102081253**

Responsible Company: Hwy 58
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

ECSI:

State ID Number:	353	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	6086	Further Action:	0
Lat/Long (dms):	44 56 40.20 / -123 3 16.90	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	700	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	09/13/2006

Narrative:

NARR ID: 5728664
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:(9/27/92 LSK/SAS) On August 8, 1982, 2500 gallons of hydraulic oil spilled as a result of a line leak. A DEQ file memo states that all oil was contained, no product reached public waters, and cleanup was outstanding. No information is available about the potential for soil contamination, or about the location of the spill.

NARR ID: 5728665
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:1) Complaint form. 2) DEQ memo to file (8-9-82).

NARR ID: 5728666
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:hydraulic oil

NARR ID: 5728667
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Bassett NW; Agripac #1 West Salem

(Continued) **S102081253**

NARR ID: 5728668
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Break in hydraulic oil line. Time of release: August 8, 1982

NARR ID: 5728669
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/27/92 LSK/SAS) Available information indicates the spill was contained and cleaned up (oil was pumped by septic service for disposal). No further action is necessary.

Administrative Action:

Admin ID:	718310	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/02/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718711	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/27/1992	Complete Date:	09/27/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718712	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/28/1992	Complete Date:	09/28/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718713	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/29/1992	Complete Date:	09/29/1992

(Continued) **S102081253**

Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Operations:

Operation Id:	131775
Operation Status:	Active
Common Name:	Agripac Inc.
Yrs of Operation:	Not reported
Comments:	Food processing plant
Updated Date:	09/13/1994
Operations SIC Id:	195309
SIC Code:	2033
Created By:	Not reported
Created Date:	12/17/2002

D15 **AGRIPAC INC PLANT #5** **UST** **U004015453**
SE **556 MURLARK AVE NW** **N/A**
< 1/8 **SALEM, OR 97304**
0.003 mi.
18 ft. **Site 1 of 3 in cluster D**

Relative:
Lower

Actual:
146 ft.

UST:

Facility ID:	6210
Facility Telephone:	(503) 371-4271
Permittee Name:	JOHN WIEBENGA, PLANT MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

D16 **MURLARK PROPERTIES LLC** **RCRA-CESQG** **1004769855**
SE **556 MURLARK ST NW** **FINDS** **ORD021405220**
< 1/8 **SALEM, OR 97304**
0.003 mi.
18 ft. **Site 2 of 3 in cluster D**

Relative:
Lower

Actual:
146 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2003
Facility name:	MURLARK PROPERTIES LLC
Facility address:	556 MURLARK ST NW SALEM, OR 97304
EPA ID:	ORD021405220
Mailing address:	PO BOX 309 SALEM, OR 97308
Contact:	CRAIG SCHOCKO
Contact address:	PO BOX 309 SALEM, OR 97308
Contact country:	US
Contact telephone:	(503) 362-3674
Contact email:	CRAIGS@TRUITTBROS.COM
EPA Region:	10

MURLARK PROPERTIES LLC (Continued) **1004769855**

Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	MURLARK PROPERTIES LLC
Owner/operator address:	PO BOX 309 SALEM, OR 97308
Owner/operator country:	US
Owner/operator telephone:	(503) 362-3674
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/2003
Owner/Op end date:	Not reported

Owner/operator name:	MURLARK PROPERTIES LLC
Owner/operator address:	PO BOX 309 SALEM, OR 97308
Owner/operator country:	US
Owner/operator telephone:	(503) 362-3674
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2003
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:
Date form received by agency: 01/08/2003

MURLARK PROPERTIES LLC (Continued) **1004769855**

Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/04/2002
Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/19/2001
Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/14/2000
Facility name: MURLARK PROPERTIES LLC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/14/2000
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Not a generator, verified

Date form received by agency: 04/16/1999
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/03/1998
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/21/1997
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/08/1996
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/1995
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/1994
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/1993
Facility name: MURLARK PROPERTIES LLC
Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: MURLARK PROPERTIES LLC

MURLARK PROPERTIES LLC (Continued) **1004769855**

Site name: AGRIPAC INC PLT 5
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004780489

Environmental Interest/Information System
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.

D17 **AGRIPAC INC PLT 5** **AST** **S110072128**
SE **556 MURLARK AVE NW** **SPILLS** **N/A**
< 1/8 **SALEM, OR 97304** **HSIS**
0.003 mi. **ECSI**
18 ft. **Site 3 of 3 in cluster D**

Relative:
Lower

Actual:
146 ft.

AST:
Facility Id: 003794
Hazardous Substance: AMMONIA ANHYDROUS
Reporting Quantities: 500-999
Quantity Units: GALLONS
Physical State: GAS
Storage 1: ABOVEGROUND TANK

OR SPILLS:
Year: Not reported
Facility ID: 09-2618
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 11/13/2009
Description: Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: On pavement/asphalt - not direct on soil
Responsible Company: Truitt Bros., Inc.

AGRIPAC INC PLT 5 (Continued) **S110072128**

Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

Year: Not reported
Facility ID: 09-2618
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 11/13/2009
Description: Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: Not reported
Responsible Company: Truitt Bros., Inc.
Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

HSIS:
Facility Id: 003794
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: SPECIAL PRODUCTS DIVISION
Facility Has Written Emergency Plan: Yes
Contains 112R: Not reported
NAICS Code 1: 311991
NAICS Desc 1: PERISHABLE PREPARED FOOD MANUFACTURING
NAICS Code 2: 493120
NAICS Desc 2: REFRIGERATED WAREHOUSING AND STORAGE
Manager Name: DAVID TRUITT
Business Phone: 5033623674
Mailing Address: PO BOX 309
Mailing City,St,Zip: SALEM, OR 97308
No. of Employees: 200
Day Phone: 5033623674
Placard: No
Fire Dept Code: 0321
Sprinkler System: Yes
Emergency Contact: LYNN PETERSON
Emergency Procedure: MAINT OFFICE
Business Type: REFRIGERATED FROZEN & DRY WHSING & STRG-FOOD PROCESSING

Facility:
Facility Id: 003794
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04

AGRIPAC INC PLT 5 (Continued) **S110072128**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	1677-144
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	Yes
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported

AGRIPAC INC PLT 5 (Continued) **S110072128**

Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	1791
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1791
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported

AGRIPAC INC PLT 5 (Continued) **S110072128**

Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	METAPHOSPHORIC ACID, HEXASODIUM SALT
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	10124568
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365

AGRIPAC INC PLT 5 (Continued) **S110072128**

Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	LUBRICANT BASE OIL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM SULFITE
United Nations/north America 4 Digit Class Number:	Not reported

AGRIPAC INC PLT 5 (Continued) **S110072128**

Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7757837
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	5638	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	989	Further Action:	260
Lat/Long (dms):	44 56 47.40 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/07/2011
Alias Name:	Agripac		

Narrative:

NARR ID:	5753473
NARR Code:	Contamination
Created By:	SSADOFS
Created Date:	08/05/2011
Updated By:	SSADOFS
Updated Date:	08/05/2011
NARR Comments:	A citizen complaint and subsequent inspection by DEQ's HW program documented oil leaking from underground coils at the facility.

Administrative Action:

Admin ID:	739184	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	08/05/2011	Complete Date:	08/05/2011

AGRIPAC INC PLT 5 (Continued) **S110072128**

Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	739185	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/05/2011	Complete Date:	08/05/2011
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Low		
Comments:	Not reported		

18
NNE
< 1/8
0.008 mi.
44 ft.

HANARD MACHINE INC **AST** **S111210258**
795 NW 9TH ST **HSIS** **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
151 ft.

AST:

Facility Id:	001146
Hazardous Substance:	PROPANE
Reporting Quantities:	10,000-49,999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	001146
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	332710
NAICS Desc 1:	MACHINE SHOPS
NAICS Code 2:	811310
NAICS Desc 2:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAIN
Manager Name:	KEVIN KIRSCH
Business Phone:	5033643952
Mailing Address:	859 NW 7TH ST
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	5
Day Phone:	5033643952
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	FRANK KIRSCH JR
Emergency Procedure:	Not reported

HANARD MACHINE INC (Continued) **S111210258**

Business Type: MACHINE SHOP & WELD SHOP

Facility:

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001146
Physical State Of The Substance:	3

HANARD MACHINE INC (Continued) **S111210258**

Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET

HANARD MACHINE INC (Continued) **S111210258**

Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	30
Maximum Amount Possessed During The Year Code:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2

HANARD MACHINE INC (Continued) **S111210258**

Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001146
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4

HANARD MACHINE INC (Continued) **S111210258**

Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1006
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

E19 **OREGON TURKEY GROWERS** **UST** **U003999507**
SE **740 BASSETT ST. N.W.** **N/A**
< 1/8 **SALEM, OR 97304**
0.040 mi.
211 ft. **Site 1 of 3 in cluster E**

Relative:
Lower

Actual:
146 ft.

UST:

Facility ID:	7231
Facility Telephone:	(503) 364-3323
Permittee Name:	CHARLES VON WELLER, PLANT SUPERINTENDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

E20
SE
< 1/8
0.040 mi.
211 ft.

OREGON TURKEY GROWERS
740 BASSETT ST NW
SALEM, OR 97304

Site 2 of 3 in cluster E

LUST **U000434080**
N/A

Relative:
Lower

Actual:
146 ft.

LUST:

Region:	Western Region
Facility ID:	27-89-4211
Cleanup Received Date:	11/20/1989
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

E21
SE
< 1/8
0.040 mi.
211 ft.

RAINSWEET, INC.
740 BASSETT ST NW
SALEM, OR 97304

Site 3 of 3 in cluster E

FINDS **1005649471**
AST **N/A**
HSIS

Relative:
Lower

Actual:
146 ft.

FINDS:

Registry ID: 110009819900

Environmental Interest/Information System

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.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

AST:

Facility Id:	016426
Hazardous Substance:	PROPANE
Reporting Quantities:	200-499
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

Facility Id:	016426
Hazardous Substance:	AMMONIA ANHYDROUS
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

Facility Id:	016426
Hazardous Substance:	SODIUM HYPOCHLORITE 12.5%
Reporting Quantities:	200-499
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

RAINSWEET, INC. (Continued) **1005649471**

Facility Id: 016426
Hazardous Substance: COMPRESSOR OIL 206
Reporting Quantities: 1,000-4,999
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: STEEL DRUM
Storage 2: ABOVEGROUND TANK

HSIS:
Facility Id: 016426
Chemical Is Extremely Hazardous Substance (EHS): Yes
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: Yes
Contains 112R: No
NAICS Code 1: 311411
NAICS Desc 1: FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: MARK MAY
Business Phone: 5039323490
Mailing Address: PO BOX 7079
Mailing City,St,Zip: SALEM, OR 97303
No. of Employees: 50
Day Phone: 5033634293
Placard: Yes
Fire Dept Code: 0321
Sprinkler System: Yes
Emergency Contact: KEVIN HOFSTETTER
Emergency Procedure: HR OFFICE
Business Type: FOOD PROCESSING

Facility:
Facility Id: 016426
Physical State Of The Substance: 3
Physical State: GAS
Average Amount Possessed During The Year Code: 10
Maximum Amount Possessed During The Year Code: 10
Applicable Unit Of Measure Code: 3
Description Of The Unit Of Measure: CUBIC FEET
Type Code: L
Description: CYLINDER
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 2
Pressure Description: GREATER THAN NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 200-499
Description Of The Avg Qnty Code: 200-499
Most Hazardous Ingridient: OXYGEN
United Nations/north America 4 Digit Class Number: 1072

RAINSWEET, INC. (Continued) **1005649471**

Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	016426
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	AMMONIA
United Nations/north America 4 Digit Class Number:	1005
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Yes
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Non-flammable Gas

RAINSWEET, INC. (Continued) **1005649471**

Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1005
Chemical Abstract Service Identifier Number:	7664417
Chemical Is Extremely Hazardous Substance (EHS):	Yes
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: No	

Facility Id:	016426
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

RAINSWEET, INC. (Continued) **1005649471**

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	016426
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	1791
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

United Nations/north America 4 Digit Class Number:	1791
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers

RAINSWEET, INC. (Continued) **1005649471**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	MULTIPLE
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	Yes
Contains 313:	No

Facility Id:	016426
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	A
Temperature Description:	ABOVEGROUND TANK
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	OIL MIST, MINERAL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	8012951
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No

RAINSWEET, INC. (Continued) **1005649471**

EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

22
East
< 1/8
0.085 mi.
450 ft.

WESTGATE CLEANERS **DRYCLEANERS** **S108519992**
590 TAGGART DR NW STE 110 **N/A**
SALEM, OR

Relative:
Lower

Actual:
146 ft.

DRYCLEANERS:
Dry Cleaner ID: 737
Phone ID: 503 364-8900
Current Status: Closed
Last Update: 2/20/2007
DEQID: Not reported
Latitude: 44.9480063
Longitude: -123.05149

23
WSW
< 1/8
0.094 mi.
495 ft.

LUST **S105523204**
OR HAZMAT **N/A**
HSIS

1075 8TH ST NW
SALEM, OR 97304

Relative:
Higher

Actual:
151 ft.

LUST:
Region: Western Region
Facility ID: 24-00-5387
Cleanup Received Date: 07/20/2000
Cleanup Start Date: 07/19/2000
Cleanup Complete Date: 01/29/2001

HAZMAT:
Responsble Party: Not reported
RP Company: CITY OF SALEM PARKS & REC
RP Address: 555 LIBERTY ST SE
RP City,St,Zip: SALEM, OR 97301
Facility ID: 860187
OERS Number: Not reported
Dept Rsp: SALEM FD
Narrative: Not reported
Property Loss: Not reported
Amount Released: Not reported
Service County: Not reported
Service Name: Not reported
Incident Type: Not reported
Civilian Casualty Activity: Not reported
Chemical Name: Not reported
Hazmat Area Affected: Not reported
Hazmat Area Evacuated: Not reported
Hazmat Container Type: Not reported

(Continued) **S105523204**

Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	860187
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FIRE MARSHAL
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	07/08/1986
Call Time:	6:07:00 PM
In Route:	12:00:00 AM
Arrival:	6:12:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	7:12:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	Not reported
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Public Structure
Area Type:	Residential
Responsible Party(Ies):	Not reported
Company:	CITY OF SALEM PARKS & REC
Respcontact:	Not reported
Address:	555 LIBERTY ST SE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97301
Phone:	5035886261
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Not reported
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0

(Continued) **S105523204**

Total Loss: $0.00

Chemical:

Chemical Info:	4892
Chemical Id:	35430
Incident Id:	860187
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Method:

Method Used Id:	2846
Incident Id:	860187
Identity Method:	3

Method Used Id:	3922
Incident Id:	860187
Identity Method:	5

Released:

Release Behavior Id:	768
Incident Id:	860187
Behavior:	1

Release Behavior Id:	3306
Incident Id:	860187
Behavior:	4

Narrative:

Narrative Id:	1874
Incident Id:	860187
Incident Narrative:	CHLORINE CYLINDER AT WALKER PUBLIC SWIMMING POOL DEVELOPED LEAK AT VALVE CONTROL STEM. NOTIFIED PENWALT CORP AND PROBLEM WAS ABATED. CYLINDER WAS SHUT-OFF AND PLACED OUT OF SERVICE UNTIL REPAIRS ARE MADE. IT APPEARS THAT A VIBRATION CREATED BY TURNING THE CYLINDER ON AND OFF ALLOWED LOOSENING OF CONTROL STEM LOCKING DEVICE. RECOMMENDATION SUPPLIED TO INSTALL PROPER CYLINDER HOLD-DOWN COLLAR TO PREVENT VIBRATION. SECOND INCIDENT AT THIS LOCATION IN LESS THAN ONE MONTH FOR SIMILAR PROBLEM.

(Continued) **S105523204**

Incident Date: 7/8/1986

Responsble Party:	ROBB GRAMZOW-MGR
RP Company:	WALKER POOL-CITY SAL
RP Address:	555 LIBERTY ST SE
RP City,St,Zip:	SALEM, OR 97301
Facility ID:	940277
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	0005886245
Osfm Incident Report Number:	940277
Dept. Responding:	SALEM FD
Person Making Report:	BOB SNEE
Title:	CAPT
Agency:	SALEM FD
Phone:	0005886245
Date Of Incident:	06/23/1994
Call Time:	10:15:00 AM
In Route:	12:00:00 AM
Arrival:	10:21:00 AM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	11:13:00 AM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	94-05548
Unit:	Not reported
Highway:	Not reported

(Continued) **S105523204**

Mile Post:	Not reported
Scene Type:	Public Structure
Area Type:	Residential
Responsible Party(Ies):	ROBB GRAMZOW-MGR
Company:	WALKER POOL-CITY SAL
Respcontact:	Not reported
Address:	555 LIBERTY ST SE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97301
Phone:	0005886261
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	False
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

OR HAZMAT:

Casualties Id:	785
Incident Id:	940277
Casualties Type:	2
Injury Exp:	0
Injury Other:	1
Death Exp:	0
Death Other:	0
Hopitalized:	0

Chemical:

Chemical Info:	7000
Chemical Id:	35430
Incident Id:	940277
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

(Continued) **S105523204**

Method:
Method Used Id: 5434
Incident Id: 940277
Identity Method: 5

Narrative:
Narrative Id: 4846
Incident Id: 940277
Incident Narrative: SFD RESPONDED TO REPORT OF CHLORINE LEAK AT SALEM MUNICIPLE POOL. MANAGER REPORTED THAT THE EXCESS PRESSURE BLEE-OFF VALVE RELEASED SOME MATERIAL INTO ATMOSPHERE REMAINDER BACK INTO SYSTEM. AMOUNT LOST NEGLIGIBLE. TERRY TUCKER (CITY EMPLOYEE) ATTEMPTED T
Incident Date: 6/23/1994

HSIS:
Facility Id: 022428
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: PUBLIC WORKS
Facility Has Written Emergency Plan: Not reported
Contains 112R: Not reported
NAICS Code 1: 921190
NAICS Desc 1: OTHER GENERAL GOVERNMENT SUPPORT
NAICS Code 2: 713940
NAICS Desc 2: FITNESS AND RECREATIONAL SPORTS CENTERS
Manager Name: BECKY GEORGE
Business Phone: 5035886211
Mailing Address: 555 LIBERTY ST SE RM 325
Mailing City,St,Zip: SALEM, OR 97301
No. of Employees: 6
Day Phone: 5035886211
Placard: Yes
Fire Dept Code: 0321
Sprinkler System: No
Emergency Contact: BECKY GEORGE
Emergency Procedure: Not reported
Business Type: MUNICIPAL SWIMMING POOL

Facility:
Facility Id: 022428
Physical State Of The Substance: 1
Physical State: SOLID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04
Applicable Unit Of Measure Code: 1
Description Of The Unit Of Measure: POUNDS
Type Code: J
Description: BAG
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 1
Pressure Description: NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4

(Continued) **S105523204**

Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM BICARBONATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	144558
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	022428
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

(Continued) **S105523204**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM PEROXYMONOSULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	10058238
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	022428
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	DIATOMACEOUS EARTH
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

(Continued) **S105523204**

First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	61790532
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	022428
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CALCIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	2880
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0

(Continued) **S105523204**

Hazard Class 3 Of The Chemical:	6.3

Chemical:

United Nations/north America 4 Digit Class Number:	2880
Chemical Abstract Service Identifier Number:	7778543
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.3
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	748-295
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	Yes
Contains 313:	No

Facility Id:	022428
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	G
Description:	CARBOY
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010

(Continued) **S105523204**

Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	Yes
Fertilizer:	No
Pesticide:	No
Contains 313:	No

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24 **HEATING OIL TANK** **LUST** **S111332712**
North **770 GLEN CREEK RD NW** **N/A**
< 1/8 **SALEM, OR 97304**
0.101 mi.
534 ft.

Relative:
Higher

Actual:
202 ft.

LUST:

Region:	Western Region
Facility ID:	27-11-0917
Cleanup Received Date:	09/06/2011
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/28/2011**

F25 **HEATING OIL TANK** **LUST** **S108572907**
WNW **1075 LAVONA DR NW** **N/A**
< 1/8 **SALEM, OR 97304**
0.123 mi.
652 ft. **Site 1 of 3 in cluster F**

Relative:
Higher

Actual:
229 ft.

LUST:

Region:	Western Region
Facility ID:	27-06-1924
Cleanup Received Date:	10/31/2006
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**02/15/2007**

G26 **OREGON FRUIT PRODUCTS INC** **LUST** **U004015459**
South **150 PATTERSON ST NW** **UST** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.126 mi.
666 ft. **Site 1 of 5 in cluster G**

Relative:
Lower

Actual:
147 ft.

LUST:

Region:	Western Region
Facility ID:	27-93-4020
Cleanup Received Date:	01/28/1993
Cleanup Start Date:	01/28/1993
Cleanup Complete Date:	**04/27/1999**

OREGON FRUIT PRODUCTS INC (Continued) **U004015459**

UST:

Facility ID:	7680
Facility Telephone:	(503) 581-6211
Permittee Name:	JERRY DAVENPORT, PLANT ENGINEER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	3
Number of Tanks:	3

G27 **OREGON FRUIT PRODUCTS LLC** **AST** **S105744235**
South **150 PATTERSON ST NW** **VCP** **N/A**
1/8-1/4 **SALEM, OR 97304** **NPDES**
0.126 mi. **HSIS**
666 ft. **Site 2 of 5 in cluster G** **ECSI**

Relative:
Lower

Actual:
147 ft.

AST:

Facility Id:	005547
Hazardous Substance:	PROPANE
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

VCS:

ECS Site ID:	981
CRL:	NFA
Facility Size:	4.95 acres
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	06/30/2005
End Date:	07/08/2005
Project Manager Name:	Angie Obery
Program:	ICP

NPDES:

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	WR
Pri SIC:	2033
Facility Type:	CANNED FRUITS AND VEGETABLES
Latitude:	44.9427
Longitude:	-123.0541
Category:	STM
Permit Type:	GEN12Z
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Stormwater; NPDES specific SIC codes
Expiration Date:	06/30/2012
EPA Number:	ORR121304
UIC Facility:	False
Admin Agent:	Salem Office
Last Action Date:	04/05/2012
Permit Writer:	Not reported
Compliance Inspector:	Sewell
DMR Reviewer:	Sewell
Application Number:	964911
Class:	MINOR

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Start Date: 11/17/1997

WQ File Nbr: 64192
Legal Name: OREGON FRUIT PRODUCTS LLC
Region: WR
Pri SIC: 2033
Facility Type: CANNED FRUITS AND VEGETABLES
Latitude: 44.9427
Longitude: -123.0541
Category: IND
Permit Type: GEN01
Permit Active: True
Is Active?: Not reported
Permit Description: Industrial Wastewater; NPDES cooling water
Expiration Date: 07/31/2001
EPA Number: ORG253538
UIC Facility: False
Admin Agent: Salem Office
Last Action Date: 11/09/2011
Permit Writer: Not reported
Compliance Inspector: Schnurbusch
DMR Reviewer: Schnurbusch
Application Number: 965880
Class: MINOR
Start Date: 05/07/1981

WQ File Nbr: 64192
Legal Name: OREGON FRUIT PRODUCTS LLC
Region: Not reported
Pri SIC: 2033
Facility Type: Not reported
Latitude: Not reported
Longitude: Not reported
Category: Not reported
Permit Type: GEN12F
Permit Active: Not reported
Is Active?: FALSE
Permit Description: Not reported
Expiration Date: Not reported
EPA Number: Not reported
UIC Facility: Not reported
Admin Agent: Not reported
Last Action Date: Not reported
Permit Writer: Not reported
Compliance Inspector: Not reported
DMR Reviewer: Not reported
Application Number: Not reported
Class: Not reported
Start Date: Not reported

HSIS:
Facility Id: 005547
Chemical Is Extremely Hazardous Substance (EHS): Yes
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: Yes
Contains 112R: No
NAICS Code 1: 311421

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

NAICS Desc 1:	FRUIT AND VEGETABLE CANNING
NAICS Code 2:	311411
NAICS Desc 2:	FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING
Manager Name:	PAUL GEHLAR
Business Phone:	5035816211
Mailing Address:	PO BOX 5283
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	150
Day Phone:	5034859008
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	DOUG DETERING
Emergency Procedure:	PLANT PRODUCTION OFFICE
Business Type:	FRUIT CANNING & FREEZING

Facility:

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742650
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	METHYL ETHYL KETONE
United Nations/north America 4 Digit Class Number:	1193
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1193
Chemical Abstract Service Identifier Number:	78933
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Contains 112R: Not reported
Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Yes

Facility Id: 005547
Physical State Of The Substance: 3
Physical State: GAS
Average Amount Possessed During The Year Code: 10
Maximum Amount Possessed During The Year Code: 11
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: A
Description: ABOVEGROUND TANK
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 2
Pressure Description: GREATER THAN NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 500-999
Description Of The Avg Qnty Code: 200-499
Most Hazardous Ingridient: PROPANE
United Nations/north America 4 Digit Class Number: 1075
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Flammable Gas
Second Hazardous Class Code For Chemical: Acute Health Hazard
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.1
Hazard Class 2 Of The Chemical: 6.3
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1075
Chemical Abstract Service Identifier Number: 74986
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Flammable Gas
Second Hazardous Class Code For Chemical: Acute Health Hazard
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.1
Hazard Class 2 Of The Chemical: 6.3
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Facility Id:	005547
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM CARBONATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	497198
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	005547
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1006
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	981	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	7854	Further Action:	0
Lat/Long (dms):	44 56 34.00 / -123 3 15.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1100	Size:	4.95 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/26/2009

Narrative:

NARR ID: 5730997
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: AOBERY
Updated Date: 02/07/2005
NARR Comments: (6/1/89 MMD/SAS) Paint chips were collected from a storm drain manhole located on the corner of Patterson and First (NW) in Salem. The chips were analyzed for cadmium, copper, lead, and zinc at the request of a City of Salem Pollution Control Inspector. The chips were coming from outdoor drum cleaning operations conducted by Oregon Fruit Products. The paint chips tested positive for the above listed metals. No soil analyses were performed. (2/7/05 AMO/CU) Company joined the ICP in December 2005. Plan to submit an ICP report for closure in January 2005.

NARR ID: 5730998
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: 1) DEQ Willamette Valley Region (WVR) Water Quality Source file. 2) Inspection reports. 3) Correspondence FROM owner and/or operator. 4) Laboratory results.

NARR ID: 5730999
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: paint, heavy metals

NARR ID: 5745123
NARR Code: Remedial Action
Created By: SNICHOL
Created Date: 06/21/2004
Updated By: GWISTAR
Updated Date: 07/12/2005
NARR Comments: (2/15/05 AMO) No remedial actions known to date. Site joined ICP in December, 2004. ICP report is planned to be delivered to DEQ in February. (4/21/05 AMO) As of this date, no ICP report has been delivered to DEQ for review. Bergeson-Boese & Associates is the environmental contractor for the responsible party.
(7/8/05 AMO/ICP) DEQ received ICP report recommending No Further A ction for review. DEQ accepts ICP report's recommendation of No further action.

Administrative Action:

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Admin ID:	718596	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	06/01/1989	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	730438	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2005	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	06/16/2005
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	730601	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/30/2005	Complete Date:	07/08/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	07/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728617	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State screening.		

Admin ID:	728618	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/13/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Further Action: 0
Comments: Not reported

Admin ID:	728619	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728620	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	722039	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	729106	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/24/2004	Complete Date:	12/10/2004
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/24/2004
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	On ICP wait list 9/24/04		

Admin ID:	729563	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/10/2004	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	12/27/2004

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Action Code: ICP
Action Flag: True
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported
Category: Remedial Action
Action Code Flag: False

Operations:
Operation Id: 132280
Operation Status: Active
Common Name: Oregon Fruit Products
Yrs of Operation: Not reported
Comments: Cannery.
Updated Date: 05/01/1995
Operations SIC Id: 194883
SIC Code: 2033
Created By: Not reported
Created Date: 12/17/2002

F28 **HEATING OIL TANK** **LUST** **S102778839**
WNW **1080 LAVONA DRIVE NW** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.126 mi.
666 ft. **Site 2 of 3 in cluster F**

Relative:
Higher

Actual:
228 ft.

LUST:
Region: Western Region
Facility ID: 27-97-4121
Cleanup Received Date: 08/01/1997
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

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29 **CIRCUIT WORLD INC.** **FINDS** **1006857381**
NE **585 9TH ST NW** **ECSI** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.129 mi.
683 ft.

Relative:
Lower

Actual:
148 ft.

FINDS:

Registry ID: 110014198064

Environmental Interest/Information System
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: 356
Study Area: False
Legislatve ID: 0
FACA ID: 9017
Lat/Long (dms): 44 56 58.00 / -123 3 9.00
Brown ID: 0
Region ID: 3
Investigation: No Further Action
Further Action: 0
County Code: 27.00

CIRCUIT WORLD INC. (Continued) **1006857381**

Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	6400	Size:	8,750 sq. ft.
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	07/10/2008

Hazardous Release:

Substance ID.:	121737
Haz Release ID:	383794
Qty Released:	unknown
Date Released:	unknown
Update Date:	01/09/1988
Update By:	Not reported
Substance Code:	7697-37-2
Substance Name:	NITRIC ACID
Substance Abbrev.:	Not reported
Substance Alias ID:	319462
Sub Alias Name:	AQUAFORTIS
Comment ID:	303955
Release Code:	Data Sources
Release Comments:	DEQ inspector observation 9-6-84
Sampling Result ID:	346256
Feature Id:	Not reported
Hazard Release Id:	383794
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	Not reported
Observation:	True
Owner Operator:	False
Lab Data:	False
Sample Depth:	Not reported
Start Date:	Not reported
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	pH <2
Last Update By:	kpd
Update Date:	06/03/1996

Narrative:

NARR ID:	5728888
NARR Code:	Contamination
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	Not reported
Updated Date:	12/17/2002
NARR Comments:	(9/1/88 MMD/SAS) On September 6, 1984, a City of Salem inspector observed puddles of blue liquid at the site. The pH of the puddles was less than 2. A DEQ inspector also observed that chemicals had been allowed to discharge into a storm water basin. A Notice of Violation (NOV) was issued 9/25/84. There is no record of additional sampling or cleanup at the site.

NARR ID:	5728889
NARR Code:	Data Sources
Created By:	Not reported

CIRCUIT WORLD INC. (Continued) **1006857381**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Inspection reports. Photos.

NARR ID: 5728890
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: nitric acid

NARR ID: 5746248
NARR Code: Remedial Action
Created By: SNICHOL
Created Date: 02/08/2005
Updated By: SNICHOL
Updated Date: 02/08/2005
NARR Comments: There is insufficient information to determine whether there was a significant release of hazardous substances to soil or water at the former Circuit World, Inc. site. If there was a release it appears the most likely impacts would have been to the drainage ditch or Willamette River, but that residual contamination in these areas, if any, is unlikely to pose a significant threat to human health or the environment. Based on existing information, it appears the Site was in compliance with DEQ regulation and standards in place in 1984. Therefore, DEQ has determined that unless additional information becomes available justifying further investigation, no further action is required under the Environmental Cleanup Program. This determination applies only to the acidic waste issue addressed in the 1984 DEQ Notice of Violation and this Strategy Recommendation.

Administrative Action:

Admin ID:	718301	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724002	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

CIRCUIT WORLD INC. (Continued) **1006857381**

Admin ID:	721922	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703245	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/01/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	0
Employee Id:	566	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729822	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729823	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729825	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		

CIRCUIT WORLD INC. (Continued) **1006857381**

Further Action: 0
Comments: State Screen. NFA.

Operations:
Operation Id: 131778
Operation Status: Inactive
Common Name: Circuit World Inc.
Yrs of Operation: Not reported
Comments: Electroplating
Updated Date: 03/16/1995
Operations SIC Id: 195315
SIC Code: 3471
Created By: Not reported
Created Date: 12/17/2002

F30 WNW 1/8-1/4 0.130 mi. 686 ft. | **HEATING OIL TANK** | **LUST** | **S108572985**
1085 LAVONA DR NW | **N/A**
SALEM, OR 97304

Site 3 of 3 in cluster F

Relative: Higher

Actual: 229 ft.

LUST:
Region: Western Region
Facility ID: 27-06-1925
Cleanup Received Date: 10/31/2006
Cleanup Start Date: Not reported
Cleanup Complete Date: 02/21/2007

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31 South 1/8-1/4 0.130 mi. 687 ft. | **WEST SALEM DIALYSIS CENTER** | **UIC AST HSIS** | **S110284443**
1060 2ND STREET NW | **N/A**
SALEM, OR

Relative: Higher

Actual: 150 ft.

OR UIC:
UIC Well #: 1
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 12056
Facility Status: Not Registered
Lat/Long: 44.9425999 / -123.0561

UIC Well #: 2
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 12056
Facility Status: Not Registered
Lat/Long: 44.9425999 / -123.0561

AST:
Facility Id: 117180
Hazardous Substance: NATURALYTE POTASSIUM
Reporting Quantities: 1,000-4,999
Quantity Units: GALLONS

WEST SALEM DIALYSIS CENTER (Continued) **S110284443**

Physical State: LIQUID
Storage 1: ABOVEGROUND TANK
Storage 2: PLASTIC OR NON-METALLIC DRUM

HSIS:

Facility Id:	117180
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	621492
NAICS Desc 1:	KIDNEY DIALYSIS CENTERS
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	MATS WAHLSTROM
Business Phone:	5037633257
Mailing Address:	1060 NW 2ND ST
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	9
Day Phone:	5037633257
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	KAREN LEE
Emergency Procedure:	ON EMERGENCY CART AND EVACUATION SUPPLY BOX
Business Type:	OUT PATIENT DIALYSIS SERVICES

Facility:

Facility Id:	117180
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	1791
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material

WEST SALEM DIALYSIS CENTER (Continued) **S110284443**

Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.3

Chemical:

United Nations/north America 4 Digit Class Number:	1791
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.3
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	117180
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

WEST SALEM DIALYSIS CENTER (Continued) **S110284443**

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: No	

Facility Id:	117180
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BICARBONATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	144558
Chemical Is Extremely Hazardous Substance (EHS):	No

WEST SALEM DIALYSIS CENTER (Continued) **S110284443**

First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: No	

Facility Id:	117180
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	ACETIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64197
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported

WEST SALEM DIALYSIS CENTER (Continued) **S110284443**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	117180
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported

WEST SALEM DIALYSIS CENTER (Continued) **S110284443**

Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

H32 East 1/8-1/4 0.138 mi. 726 ft. | **WESTGATE CLEANERS** | **DRYCLEANERS** | **S111257504**
525 TAGGART DR NW STE 190 | **HSIS** | **N/A**
SALEM, OR

Site 1 of 5 in cluster H

Relative: Lower

Actual: 144 ft.

DRYCLEANERS:

Dry Cleaner ID:	744
Phone ID:	503 314-1738
Current Status:	Dry Cleaner
Last Update:	Not reported
DEQID:	Not reported
Latitude:	44.9479947
Longitude:	-123.05150

HSIS:

Facility Id:	037647
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	812320
NAICS Desc 1:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	JOON PARK
Business Phone:	5033648900
Mailing Address:	525 TAGGART DR NW 190
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	2
Day Phone:	5033648900
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	YOUNG OK PARK
Emergency Procedure:	Not reported
Business Type:	DRYCLEANERS

Facility:

Facility Id:	037647
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

WESTGATE CLEANERS (Continued) **S111257504**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742489
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

I33 **SALEM ELECTRIC** **LUST** **1000205604**
ENE **633 SEVENTH ST NW** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.146 mi.
769 ft. **Site 1 of 6 in cluster I**

Relative:
Lower

Actual:
145 ft.

LUST:

Region:	Western Region
Facility ID:	27-90-4203
Cleanup Received Date:	08/30/1990
Cleanup Start Date:	08/29/1990
Cleanup Complete Date:	**11/16/1990**

I34
ENE
1/8-1/4
0.146 mi.
769 ft.

SALEM ELECTRIC
633 7TH ST NW
SALEM, OR 97304

Site 2 of 6 in cluster I

UST **U004015461**
N/A

Relative:
Lower

Actual:
145 ft.

UST:

Facility ID:	39
Facility Telephone:	(503)362-3601
Permittee Name:	NICK REDING, ENVIRONMENTAL OFFICER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	3
Number of Tanks:	3

I35
ENE
1/8-1/4
0.146 mi.
769 ft.

SALEM ELECTRIC
633 7TH ST NW
SALEM, OR 97304

Site 3 of 6 in cluster I

RCRA-CESQG **1004580484**
FTTS **ORD009860107**
HIST FTTS
PADS
FINDS

Relative:
Lower

Actual:
145 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2003
Facility name:	SALEM ELECTRIC
Facility address:	633 7TH ST NW SALEM, OR 97304
EPA ID:	ORD009860107
Mailing address:	PO BOX 5588 SALEM, OR 97304
Contact:	NICK REDING
Contact address:	PO BOX 5588 SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 362-3601
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	SALEM ELECTRIC
Owner/operator address:	PO BOX 5588 SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 362-3601

SALEM ELECTRIC (Continued) **1004580484**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/20/1977
Owner/Op end date: Not reported

Owner/operator name: SALEM ELECTRIC
Owner/operator address: 633 7TH ST NW
SALEM, OR 97304
Owner/operator country: US
Owner/operator telephone: (503) 362-3601
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/20/1977
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/06/2003
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/04/2002
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/2001
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/21/2000
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/21/1999
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/07/1998
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

SALEM ELECTRIC (Continued) **1004580484**

Date form received by agency: 01/03/1997
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/02/1996
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/1995
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/07/1994
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/19/1993
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: SALEM ELECTRIC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/16/2007
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FTTS INSP:
Inspection Number: 198607301513 1
Region: 10
Inspection Date: 07/30/86
Inspector: SMITH
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 198607301513 1
Region: 10
Inspection Date: Not reported
Inspector: SMITH
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted

SALEM ELECTRIC (Continued) **1004580484**

Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

PADS:

EPAID:	ORD009860107
Facility name:	SALEM ELEC COOP
Facility Address:	633 7TH ST NW SALEM, OR
Facility country:	US
Generator:	Yes
Storer:	No
Transporter:	No
Disposer:	No
Research facility:	No
Smelter:	No
Facility owner name:	SALEM ELEC COOP
Contact title:	Not reported
Contact name:	OVERS JERE
Contact tel:	(503)362-3601
Contact extension:	Not reported
Mailing address:	PO BOX 5588 SALEM, OR
Mailing country:	US
Cert. title:	Not reported
Cert. name:	Not reported
Cert. date:	2/26/1990
Date received:	3/26/1990

FINDS:

Registry ID: 110004780185

Environmental Interest/Information System

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.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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.

I36 ENE 1/8-1/4 0.147 mi. 775 ft. | **SALEM ELECTRIC**
633 NW 7TH ST
SALEM, OR 97304

Site 4 of 6 in cluster I

AST **1001767697**
HSIS **N/A**

Relative: Lower

Actual: 145 ft.

AST:

Facility Id:	001558
Hazardous Substance:	GASOLINE
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	TANK INSIDE BUILDING
Storage 2:	ABOVEGROUND TANK

Facility Id:	001558
Hazardous Substance:	DIESEL-ON ROAD
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

Facility Id:	001558
Hazardous Substance:	DIESEL-OFF ROAD
Reporting Quantities:	200-499
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	001558
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	ENGINEERING & OPERATIONS
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	221122
NAICS Desc 1:	ELECTRIC POWER DISTRIBUTION
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	ROBERT J SPECKMAN CEO
Business Phone:	5033623601
Mailing Address:	PO BOX 5588
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	49
Day Phone:	5033623601
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	TONY SCHACHER
Emergency Procedure:	POSTED AT KEY LOCATIONS
Business Type:	ELECTRIC DISTRIBUTION OFFICE

Facility:

Facility Id:	001558
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2

SALEM ELECTRIC (Continued) **1001767697**

Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	BASE LUBRICATING OILS
United Nations/north America 4 Digit Class Number:	1270
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1270
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001558
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported

SALEM ELECTRIC (Continued) **1001767697**

Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM DISTILLATE, ALIPHATIC
United Nations/north America 4 Digit Class Number:	1223
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1223
Chemical Abstract Service Identifier Number:	64742478
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	001558
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE

SALEM ELECTRIC (Continued) **1001767697**

Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM MID-DISTILLATES
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	68476305
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001558
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	A
Temperature Description:	ABOVEGROUND TANK
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False

SALEM ELECTRIC (Continued) **1001767697**

Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1203
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1203
Chemical Abstract Service Identifier Number:	8006619
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	001558
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM MIDDLE DISTILLATES
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1

SALEM ELECTRIC (Continued) **1001767697**

Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742467
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

H37 **SHELL OIL PRODUCTS US SAP 124785** **MANIFEST** **S108524883**
East **585 WALLACE RD NW** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.151 mi.
798 ft. **Site 2 of 5 in cluster H**

Relative:
Lower

Actual:
144 ft.

OR MANIFEST:

Manifest Year:	Manifest Year - 2006
EPA Id:	ORQ000025927
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Rachel
Contact Last Name:	Hull
Contact Telephone Number:	281 874-2224
Mailing Address:	12700 Northborough Dr Rm NOB-300-G04
Mailing City:	Houston
Mailing State:	TX
Mailing Zip:	77067
RCRA Id :	ORQ000025927
Inactive :	Not reported
Year :	2008
Status :	Small quantity generator
Manifest :	004207306JJK
Ship Date :	10/10/2008
TSD :	WAD991281767
WS Num:	1
Transporter :	WAR000001743
Ship Qty :	Not reported
Rpt Unit :	Not reported

SHELL OIL PRODUCTS US SAP 124785 (Continued) **S108524883**

Off Mng : H040
EPA Waste Codes: D001
Waste Description: ABSORBENT MAT. W/GASOLINE
Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05
Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05

RCRA Id : ORQ000025927
Inactive : Not reported
Year : 2008
Status : Small quantity generator
Manifest : 004207306JJK
Ship Date : 10/10/2008
TSD : WAD991281767
WS Num: 1
Transporter : WAR000001743
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D001
Waste Description: ABSORBENT MAT. W/GASOLINE
Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05
Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05

RCRA Id : ORQ000025927
Inactive : Not reported
Year : 2008
Status : Small quantity generator
Manifest : 004207306JJK
Ship Date : 10/10/2008
TSD : WAD991281767
WS Num: 1
Transporter : WAR000001743
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D001
Waste Description: ABSORBENT MAT. W/GASOLINE
Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05
Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05

H38 **WALLACE SHELL** **LUST** **U004015462**
East **585 WALLACE RD NW** **UST** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.151 mi.
798 ft. **Site 3 of 5 in cluster H**

Relative:
Lower

Actual:
144 ft.

LUST:
Region: Western Region
Facility ID: 27-99-4073
Cleanup Received Date: 06/14/1999
Cleanup Start Date: 06/15/1999
Cleanup Complete Date: 02/17/2011

WALLACE SHELL (Continued) **U004015462**

UST:

Facility ID:	6440
Facility Telephone:	(760) 607-4511 x16
Permittee Name:	Ron Myhro
Number of Permitted Tanks:	4
Active Tanks:	4
Decommissioned Tanks:	4
Number of Tanks:	8

H39 East 1/8-1/4 0.151 mi. 798 ft. **SHELL OIL PRODUCTS US SAP 124785** **RCRA-NonGen** **1010330028**
585 WALLACE RD NW **ORQ000025927**
SALEM, OR 97304

Site 4 of 5 in cluster H

Relative: Lower

Actual: 144 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2011
Facility name:	SHELL OIL PRODUCTS US SAP 124785
Facility address:	585 WALLACE RD NW SALEM, OR 97304-3833
EPA ID:	ORQ000025927
Mailing address:	P O BOX 3127, RM 669B HOUSTON, TX 77253
Contact:	RAY E WALDING
Contact address:	12700 NORTHBOROUGH RM NOB-300F HOUSTON, TX 77067
Contact country:	US
Contact telephone:	281-874-2247
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	EQUILON ENTER LLC DBA SHELL OIL PRODS US
Owner/operator address:	PO BOX 2099 HOUSTON, TX 77252
Owner/operator country:	US
Owner/operator telephone:	281 874-2247
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2011
Owner/Op end date:	Not reported

Owner/operator name:	SHELL OIL PRODUCTS US
Owner/operator address:	PO BXO 2099 HOUSTON, TX 77252
Owner/operator country:	US
Owner/operator telephone:	281 874-2224
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2011
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

SHELL OIL PRODUCTS US SAP 124785 (Continued) **1010330028**

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

Historical Generators:

Date form received by agency: 12/31/2010
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2009
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2008
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Small Quantity Generator

Date form received by agency: 12/31/2007
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/21/2007
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2006
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/24/2006
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: NA
Waste name: NA

Violation Status: No violations found

G40 SSE 1/8-1/4 0.153 mi. 809 ft. | **CHROME SHOP - EDGEWATER ST. (FORMER)** | **ECSI** | **S106236646**
940 EDGEWATER ST. NW | **N/A**
SALEM, OR 97304

Site 3 of 5 in cluster G

Relative: Lower

Actual: 145 ft.

ECSI:

State ID Number:	3186	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	37891	Further Action:	258
Lat/Long (dms):	44 56 34.10 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	001002337
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/24/2008

Narrative:

NARR ID: 5741817
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments: (5/29/02 BTM/SAS) A September 11, 2000 waste sampling inspection of the site by DEQ?s Hazardous Waste Program, the City of Salem, and EPA Criminal Investigation Division identified sludges and solutions of plating wastes, with metals and cyanide as constituents of concern, in abandoned drums within the building. A subsequent conversation with the City of Salem regarding the history and housekeeping of the facility indicated that significant fluid leakage had occurred inside of the facility, and that during dismantling and removal of plating baths and equipment, it was apparent that floor-level holes had been broken through the back wall. There is concern that floor wash-water was directed toward the holes. The facility has operated since the 1970s.

NARR ID: 5748187
NARR Code: Data Sources
Created By: MCAMARA
Created Date: 06/05/2006
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments: Preliminary Assessment Former Chrome Shop prepared by DEQ for EPA, dated May 29,
2002.
Former Chrome Shop, Draft Site Investigation Report, prepared by W eston Solutions, Inc. for EPA, dated December 30, 2005.

NARR ID: 5741818
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments: (5/29/02 BTM/SAS) GROUNDWATER: This area is currently served by City of Salem water lines, so it is possible that few or none of the

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

domestic wells registered in the site vicinity are used for domestic supply. In addition, it is likely that groundwater flows from the site towards the adjacent Willamette River, so that any contamination from this site would not affect nearby wells anyway. The city obtains its water from an upgradient source in the Santiam River watershed.

SURFACE WATER: Considering subsurface materials at the site, there is potential for subsurface contamination entering surface water via groundwater-to-surface water discharge or from runoff of groundwater seeps on the embankment of the river. Although storm runoff from the property could also reach the river via the storm drain system, subsurface contamination is the more significant source of potential impact to the river (via groundwater discharge to the river).

SOIL: There is potential for exposure via direct contact and inhal ation during any excavation work, and potential for exposure by inhalation of, or direct contact with, dusts or residues for indoor uses of the building.

NARR ID: 5743396
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 04/18/2003
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments: (5/29/02 BTM/SAS) Contaminants associated with the site include cyanide, and metals including but not limited to cadmium, chromium, and lead. Indications of on-site hazardous substance releases include information on poor housekeeping during the facility?s operation, and the significantly cracked concrete floor in the process area. Human health risks associated with the site include potential for inhalation and direct-contact exposures to workers involved with any excavation and/or renovation work at the site, and to future tenants or site workers. The potential for groundwater-to-surface water discharges to the Willamette River poses human health and ecological risks.

Testing of the interior of the building should be done to determin e the direct contact and inhalation risks. Subsurface conditions such as groundwater quality, soil conditions, and site hydrogeology also need to be verified or evaluated in more detail. An EPA Site Inspection (SI) is recommended to address these data gaps.

(6/5/06 M2C/SAS) EPA?s contractor, Weston Solutions, conducted a site investigation in 2005. Weston collected soil samples from multiple depths at 6 locations inside the building, in the parking lot, and along the strip of land behind the building. Four sediment samples were collected from the Willamette River. Soil and sediment background samples were also collected. Samples were analyzed for VOCs, SVOCs, cyanide, hexavalent chromium, and 23 target analytical metals (TAL).

Elevated results were reported in the following areas: Willamet te River
sediment Aluminum ranging from 7020 to 20,800 mg/kg Lead ranging fro m 1.3 to 589
mg/
kg Nickel ranging from 13.91 to 23.5 mg/kg Zinc ranging from 29.4 to 310

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

mg/
kg Former Chrome Shop Antimony ranging from 0.48 to 55.8 mg/kg Ar
senic ranging from 1.2 to 3.4
mg/
kg Chromium from 10.3 to 8,340 mg/kg Iron ranging from 15,500 to 73,
500
mg/
kg Lead ranging from 1.4 to 620 mg/kg Nickel ranging from 10.5 to 3,
070
mg/
kg Thallium ranging from1.3 to 10.6 mg/kg Vanadium ranging from 48.2
to 151 mg/kg
The building is currently occupied by a tattoo parlor (Hot Rod Bet
tie?s) located between a heating stove shop (Mel?s Stoves) on the
east side and an appliance shop (JL?s Appliance) on the west side.
The rear of the building is separated from a paved bike path by a
narrow strip of land and a rock wall covered with blackberry bushes
and a chain-link fence. Beyond the bike path to the southeast are
Highway 22 and the Willamette River.
Sample results were compared to screening values based on possible
impacts to ecological and human receptors. Sample results were
compared to sediment fresh water SLVs for ecological receptors in the
Willamette River, and to soil residential and industrial PRGs for
human receptors. SLVs were exceeded for aluminum, lead, nickel, and
zinc. However, lead and zinc were the only constituents above
background in sediment. Because the sediment samples with elevated
detections (TR003 and TR004) were collected below the Salem?s storm
sewer outfall, these results may not be from site operations.
Residential PRGs were exceeded for antimony, arsenic, chromium, ir
on, lead, nickel, thallium, and vanadium in several locations on-site
at multiple depths. Industrial PRGs were exceeded for chromium. None
of the sample results for soil exceeded hot spot levels.
Using Western Region Supplemental Risk-Based Prioritization System
the site is considered a medium priority for additional assessment
for the following
reasons:
1) Two fresh water SLV were exceeded in sediment and above backgroun
d concentrations. However, the detections may not be related to site
activities.
3) Residential PRGs were exceeded for antimony, arsenic, chromium, i
ron, lead, nickel, thallium, and vanadium. These concentrations were
below hot spot
levels.
4) Industrial PRGs were exceeded for chromium. These concentrations
were below hot spot
levels.
5) There is a potential for onsite workers to come in contact with c
ontaminated shallow soil.

Administrative Action:

Admin ID:	725886	Action ID:	9506
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/29/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	187	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	RSI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

Action: Site Investigation recommended (SI)
Further Action: Medium
Comments: Not reported

Admin ID:	725887	Action ID:	9421
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	01/09/2002	Complete Date:	01/09/2002
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	DS1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to CERCLIS
Further Action: 0
Comments: Not reported

Admin ID:	731890	Action ID:	9444
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	02/14/2006	Complete Date:	02/14/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	02/27/2006
Action Code:	NFRAP	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False

Action: No Further Remedial Action Planned under Federal program
Further Action: 0
Comments: Not reported

Admin ID:	702720	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	2202	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to database
Further Action: Not reported
Comments: Not reported

Admin ID:	702861	Action ID:	9480
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	12/03/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RFPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: Federal Preliminary Assessment recommended
Further Action: Medium
Comments: Not reported

Admin ID:	702862	Action ID:	9456
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2043	Cleanup Flag:	False

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	BASIC PRELIMINARY ASSESSEMENT		
Further Action:	0		
Comments:	Federal PA		

G41 **FORMER CHROME SHOP CLARENCE PYATT** **RCRA-NonGen** **1004771918**
SSE **940 EDGEWATER ST** **FINDS** **ORQ000017467**
1/8-1/4 **SALEM, OR 97304**
0.153 mi.
809 ft. **Site 4 of 5 in cluster G**

Relative:
Lower

Actual:
145 ft.

RCRA-NonGen:

Date form received by agency:	02/28/2002
Facility name:	FORMER CHROME SHOP CLARENCE PYATT
Facility address:	940 EDGEWATER ST SALEM, OR 97304
EPA ID:	ORQ000017467
Mailing address:	PO BOX 7496 SALEM, OR 97303
Contact:	CLARENCE PYATT
Contact address:	PO BOX 7496 SALEM, OR 97303
Contact country:	US
Contact telephone:	(503) 581-4220
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CLARENCE PYATT
Owner/operator address:	16110 OAKDALE RD DALLAS, OR 97338
Owner/operator country:	US
Owner/operator telephone:	(503) 581-4220
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	02/28/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

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

FORMER CHROME SHOP CLARENCE PYATT (Continued) **1004771918**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/13/2001
Facility name: FORMER CHROME SHOP CLARENCE PYATT
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: SR - OAR 340-102-011(2)
Area of violation: Generators - General
Date violation determined: 09/11/2000
Date achieved compliance: 08/28/2001
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/13/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - OAR 340-102-0034(1)
Area of violation: Generators - General
Date violation determined: 09/11/2000
Date achieved compliance: 08/28/2001
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/13/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 09/11/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/28/2001
Evaluation lead agency: State

FINDS:

Registry ID: 110007904919

Environmental Interest/Information System
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.

FORMER CHROME SHOP CLARENCE PYATT (Continued) **1004771918**

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.

G42 **FORMER CHROME SHOP - EDGEWATER ST** **CERC-NFRAP** **1009463101**
SSE **940 EDGEWATER STREET** **ORN001002337**
1/8-1/4 **SALEM, OR 97304**
0.153 mi.
809 ft. **Site 5 of 5 in cluster G**

Relative:
Lower

Actual:
145 ft.

CERC-NFRAP:

Site ID:	1002337
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	10272556.00000
Person ID:	10270102.00000

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	01/09/2002
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	01/09/2002
Date Completed:	07/28/2003
Priority Level:	Low priority for further assessment
Action:	SITE INSPECTION
Date Started:	12/25/2004
Date Completed:	01/26/2006
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	01/26/2006
Priority Level:	Not reported

J43 **MIKE'S SEPTIC SERVICE INC** **LUST** **U003188869**
NE **560 GLEN CREEK ROAD NW** **UST** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.158 mi.
832 ft. **Site 1 of 3 in cluster J**

Relative:
Higher

Actual:
152 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4157
Cleanup Received Date:	10/20/1997

MIKE'S SEPTIC SERVICE INC (Continued) **U003188869**

Cleanup Start Date: 10/15/1997
Cleanup Complete Date: Not reported

UST:
Facility ID: 11763
Facility Telephone: -503
Permittee Name: Not reported
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

K44
ESE
1/8-1/4
0.160 mi.
844 ft.

SHELL - 509 **LUST** **U003998837**
545 WALLACE RD NW **UST** **N/A**
SALEM, OR 97304

Site 1 of 2 in cluster K

Relative:
Lower

Actual:
144 ft.

LUST:
Region: Western Region
Facility ID: 27-84-4002
Cleanup Received Date: 09/04/1984
Cleanup Start Date: 09/04/1984
Cleanup Complete Date: 05/24/2010

Region: Western Region
Facility ID: 27-96-4113
Cleanup Received Date: 07/12/1996
Cleanup Start Date: 07/11/1996
Cleanup Complete Date: 05/24/2010

UST:
Facility ID: 9219
Facility Telephone: (760) 607-4511
Permittee Name: Ronald Myhro
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 5
Number of Tanks: 5

45
North
1/8-1/4
0.166 mi.
878 ft.

HEATING OIL TANK **LUST** **S108573021**
1165 BELAIRE DR NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
237 ft.

LUST:
Region: Western Region
Facility ID: 27-07-0651
Cleanup Received Date: 05/11/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/12/2007

46 South 1/8-1/4 0.167 mi. 881 ft. | **WEST SALEM CLINIC**
1025 EDGEWATER STREET NE
SALEM, OR | **UIC** | **S111429889**
LUST | **N/A**

Relative: Higher

Actual: 152 ft.

OR UIC:

UIC Well #:	1
Type:	5X26
Type Description:	Aquifer Remediation Related
Status:	Active
UIC Number:	14662
Facility Status:	Registered & not RA
Lat/Long:	44.9425540 / -123.0547

LUST:

Region:	Western Region
Facility ID:	27-11-1098
Cleanup Received Date:	10/07/2011
Cleanup Start Date:	10/06/2011
Cleanup Complete Date:	**Not reported**

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47 WNW 1/8-1/4 0.171 mi. 901 ft. | **HEATING OIL TANK**
1225 WESTWOOD DR NW
SALEM, OR 97304 | **LUST** | **S104658809**
N/A

Relative: Higher

Actual: 223 ft.

LUST:

Region:	Western Region
Facility ID:	27-00-4088
Cleanup Received Date:	05/19/2000
Cleanup Start Date:	05/19/2000
Cleanup Complete Date:	**07/13/2000**

L48 East 1/8-1/4 0.173 mi. 914 ft. | **WESTGATE SHOPPING CENTER**
695 WALLACE RD NW
SALEM, OR 97304 | **RCRA-NonGen** | **1006811049**
ORQ000021394

Site 1 of 3 in cluster L

Relative: Lower

Actual: 145 ft.

RCRA-NonGen:

Date form received by agency:	03/03/2003
Facility name:	WESTGATE SHOPPING CENTER
Facility address:	695 WALLACE RD NW SALEM, OR 97304
EPA ID:	ORQ000021394
Mailing address:	PO BOX 7298 SALEM, OR 97303
Contact:	DAVID L. SAMPLES
Contact address:	PO BOX 1604 BEAVERTON, OR 97075
Contact country:	US
Contact telephone:	(503) 985-1717
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

WESTGATE SHOPPING CENTER (Continued) **1006811049**

Owner/Operator Summary:

Owner/operator name:	WESTGATE SHOPPING CENTER
Owner/operator address:	PO BOX 7298 SALEM, OR 97303
Owner/operator country:	US
Owner/operator telephone:	(503) 930-9612
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/03/2003
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	10/02/2002
Facility name:	WESTGATE SHOPPING CENTER
Classification:	Not a generator, verified
Violation Status:	No violations found

I49 **WESTGATE CLEANERS** **ENG CONTROLS** **1004365358**
ENE **697 WALLACE RD. NW** **DRYCLEANERS** **N/A**
1/8-1/4 **SALEM, OR 97304** **ECSI**
0.173 mi.
916 ft. **Site 5 of 6 in cluster I**

Relative:
Lower

Actual:
144 ft.

OR ENG CONTROL:

Site Control Sequence #:	530
Site Id:	3001
Control Sequence #:	34
Begin Date:	03/05/2007
End Date:	Not reported
Frequency Of Review:	12
Last Reviewed By:	Hanson
Last Review Date:	01/09/2009
Last Updated By:	DHANSON
Last Updated Date:	01/09/2009
Group Sequence #:	8
Control Code:	LS
Control Description:	Liner, synthetic
FK Type Code:	2
Group Code:	SSB

WESTGATE CLEANERS (Continued) **1004365358**

Group Description: Subsurface Barriers
Type Code: E
Type Description: Engineering
Comments: Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

DRYCLEANERS:
Dry Cleaner ID: 422
Phone ID: 503 364-8900
Current Status: Closed
Last Update: 11/6/2006
DEQID: ORD085250413
Latitude: 44.9480012
Longitude: -123.05149

ECSI:

State ID Number:	3001	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	833	Investigation:	Suspect
FACA ID:	41204	Further Action:	258
Lat/Long (dms):	44 56 52.80 / -123 3 5.40	County Code:	27.00
Score Value:	98	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	DHANSON	Update Date:	01/09/2009

Hazardous Release:
Substance ID.: 121011
Haz Release ID: 379688
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

WESTGATE CLEANERS (Continued) **1004365358**

Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 338339
Feature Id: Not reported
Hazard Release Id: 379688
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 8,900 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121781
Haz Release ID: 379689
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523

WESTGATE CLEANERS (Continued) **1004365358**

Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 338340
Feature Id: Not reported
Hazard Release Id: 379689
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 149 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121124
Haz Release ID: 379690
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 156-59-2
Substance Name: DICHLOROETHYLENE,1,2-CIS-
Substance Abbrev.: Not reported
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317200

WESTGATE CLEANERS (Continued) **1004365358**

Sub Alias Name: ACETYLENE DICHLORIDE,CIS-
Substance Alias ID: 317201
Sub Alias Name: DICHLOROETHENE,CIS-
Substance Alias ID: 317202
Sub Alias Name: DICHLOROETHYLENE,CIS-
Substance Alias ID: 317203
Sub Alias Name: DICHLOROETHENE,1,2-CIS-
Sampling Result ID: 337613
Feature Id: Not reported
Hazard Release Id: 379690
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 124 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121712
Haz Release ID: 379691
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 75-71-8
Substance Name: DICHLORODIFLUOROMETHANE
Substance Abbrev.: Not reported
Substance Alias ID: 319390
Sub Alias Name: ARCTON 6
Substance Alias ID: 319391
Sub Alias Name: DIFLUORODICHLOROMETHANE
Substance Alias ID: 319392
Sub Alias Name: FREON 12
Substance Alias ID: 319393
Sub Alias Name: FRIGEN 12
Substance Alias ID: 319394
Sub Alias Name: GENETRON 12
Substance Alias ID: 319395
Sub Alias Name: HALON
Substance Alias ID: 319396
Sub Alias Name: ISOTRON 12
Substance Alias ID: 319397
Sub Alias Name: METHANE,DICHLORODIFLUORO-
Sampling Result ID: 338341
Feature Id: Not reported
Hazard Release Id: 379691
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False

WESTGATE CLEANERS (Continued) **1004365358**

Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 77.6 ppb
Last Update By: kpd
Update Date: 03/01/2001

Narrative:

NARR ID: 5741160
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: (4/30/2003 NS/SRS) The Westgate Shopping Center was constructed in the early 1950s in west Salem. Dry cleaning has occurred at the site since at least 1963. In June 2000, the City of Salem detected perchloroethene (PCE) in storm sewer and sanitary sewer lines downgradient of Westgate Cleaners. PCE is a solvent commonly used by dry cleaners. The shopping center retained Evergreen Environmental Management (EEM) to investigate the source of the PCE. EEM sampled soil and groundwater from nine boreholes that they installed along the drain lines throughout the shopping center in November 2000. Groundwater contamination was found in eight of the nine sample locations. The direction of groundwater flow and full extent of the contamination have not been determined. Westgate Cleaners applied to DEQ's Dry Cleaner Environmental Response program in February 2001 and was accepted a month later.

NARR ID: 5741161
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: January 2001 Evergreen Environmental Management Soil and Groundwater Characterization report.

NARR ID: 5741162
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Perchloroethene (PCE) and degradation products.

NARR ID: 5741163
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Located in the Westgate Shopping Center in west Salem.

WESTGATE CLEANERS (Continued) **1004365358**

NARR ID: 5741164
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Dry-cleaning solvent appears to have leaked from storm sewer drain lines in at least two separate locations in the Westgate Shopping Center. Other past and present sources of PCE have not been ruled out, however.

NARR ID: 5741165
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Westgate Cleaners was operated by Won Kyu Park & Woo Ja Park from June 1983 to February 1994, and Joon Park & Young Park from February 1994 to the present.

NARR ID: 5741166
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: The site is located across the Willamette River from Salem proper. The river is about 2,000 feet south of the site. Soil at the site is brown clayey silt to about 15 ft bgs, where it grades into a sand and gravel aquifer at about 18 ft bgs. The shallow groundwater flow direction has not been determined. Deeper groundwater is used by a handful of residents in the area. A community well serving the City of Salem was located near the site but was decommissioned in the late 1990s.

NARR ID: 5741167
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: NSAWKA
Updated Date: 06/22/2006
NARR Comments: (4/30/2003 NS/DC) DEQ retained Hart Crowser in June 2001 to conduct a focused Site Investigation at Westgate Cleaners. Soil and groundwater samples were collected from beneath Westgate Cleaners and from around the shopping center complex. The Site Investigation report was completed in April 2002. DEQ is currently monitoring groundwater at the site and evaluating various removal actions that may be taken. (2-09-05/NS/DC) DEQ conducted indoor air monitoring of the adjacent buildings including the former Coastal Hardware Store, Ideal Tile, Mexican Restaraunt and the West Salem Kids Care Daycare in August and November 2003. The results indicated elevated levels of PCE and TCE in the air of these buildings. IRAM actions were implemented in October and December 2003 in the daycare building to mitigate the migration of these contaminants. Two air purifiers with carbon filters were placed inside the building to help remove the PCE and TCE contaminants. Upgrades were made to the HVAC system to

WESTGATE CLEANERS (Continued) **1004365358**

increase air circulation. Subsequent air sampling indicated that the IRAM's were working effectively to reduce the concentrations of contaminants in the air. The hardware store was vacated at the time of the sampling. The Mexican restaraunt later vacated due to the owner's plans to redevelop the shopping center and Ideal Tile is expected to vacate in the near future. The owner plans to demolish the existing shopping center and re-build a new one. DEQ is currently coordinating with the owner and developer to conduct a limited cleanup at the site during the demolition. This is expected to commence sometime between April and the summer of 2005.
(7/27/05/NS/DC)The owner is in the process of demolishing and rebuil ding the shoppping center. Because of the construction activities, the owner was required to abandon osnite monitoring wells HC-1, 2, 3, 5 and 101. New wells will be constructed by DEQ upon completion of the new shopping center. The former Westgate Dry cleaner building and coastal farms store have been demolished. DEQ's contractor (Hart Crowser) conducted a focussed source area investigation (SAI) by the dry cleaner on July 6&7, 2005. The purpose of the SAI is to delineate and define the extent of the source area from the dry cleaner to evaluate appropriate IRAM actions for removing, treating and disposing of source area soils from around and beneath the dry cleaners. Hart Crowser is in the process of developing an IRAM work plan based on the SAI results. The work plan will be submitted to DEQ by the end of July and IRAM activities implemented in August.
(6/22/06/NS/DC) An IRAM was implemented in October 2005 where abo ut 200 tons of contaminated soils were removed from the source area. About 50 tons of the soil was determined to be non-hazardous waste and disposed of at a subtitle D landfill. The reamaining soils are undergoing onsite treatment to reduce the levels of hazardous constituents. Treatment is expected to be completed by the end of this month (end of June 2006). Depending on the final levels, the soil will either be disposed of at a Subtitle D landfill or re-used on site for fill base.

NARR ID: 5741168
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: Shallow groundwater at the Westgate Shopping Center is contaminated with PCE and associated breakdown products. Contamination has been detected across the shopping center complex but appears to be concentrated along sanitary and storm sewer drain lines beneath the parking lots. The full extent of contamination has not been determined; whether it extends under the shopping center buildings, and thus poses a potential vapor threat to those buildings, is not known.

NARR ID: 5751117
NARR Code: 1922
Created By: DHANSON
Created Date: 01/09/2009
Updated By: DHANSON
Updated Date: 12/17/2010
NARR Comments: Westgate Cleaners operated in the Westgate shopping center until 2005

WESTGATE CLEANERS (Continued) **1004365358**

when it closed and relocated. In 2005 the DEQ Dry Cleaner Program conducted a Removal Action consisting of soil excavation and treatment at the location of the former cleaners. Following this cleanup action the shopping center was redeveloped in a new configuration. At one building at the new shopping center, DEQ installed a subsurface venting and vapor barrier system, in a cooperative effot with the site owner and developer, to prevent residual dry cleaning solvent vapors from impacting the airspace inside the new building. Subsequent testing of the building air showed that vapor intrision is currently not a problem in this area. Additional monitoring needs to be conducted by DEQ before the site can attain closure under the Cleanup Program rules.

Site Control:

Site Control #:	530
Control Number:	34
Begin Date:	03/05/2007
End Date:	Not reported
Frequency Of Review:	12
Last Reviewed By:	Hanson
Last Reviewed Date:	01/09/2009
Last Update By:	DHANSON
Last Updated Date:	01/09/2009
Site Comment:	Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

Administrative Action:

Admin ID:	736050	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/24/2005	Complete Date:	11/13/2006
Substance Code:	srs	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Soil removal at the location of the former dry cleaners		

Admin ID:	736051	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/23/2007	Complete Date:	03/05/2007
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Installed sub slab vapor recovery system with engineered vapor barrier beneath Shops B at the new shopping center (approx. former location of West Salem KidCare)		

Admin ID:	736052	Action ID:	9450
Agency:	Dept Of Environmental Quality	Region:	Western Region

WESTGATE CLEANERS (Continued) **1004365358**

Start Date:	03/06/2007	Complete Date:	Not reported
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	OM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	OPERATION and MAINTENANCE		
Further Action:	Medium		
Comments:	Maintain and monitor effectiveness of Shops B vapor mitigation system as needed		

Admin ID:	726108	Action ID:	9492
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/25/2002	Complete Date:	10/25/2005
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	KDANA	Created Date:	05/06/2003
Action Code:	RMA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL ASSESSMENT		
Further Action:	High-Medium		
Comments:	Evaluating removal alternatives to address high levels of PCE at former cleaners prior to site redevelopment		

Admin ID:	701309	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/04/2001	Complete Date:	04/30/2002
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2340	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	703664	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/01/2001	Complete Date:	Not reported
Substance Code:	CPD	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703665	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/26/2001	Complete Date:	02/28/2001
Substance Code:	SRS	Rank Value:	0
Employee Id:	583	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		

WESTGATE CLEANERS (Continued) **1004365358**

Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 134194
Operation Status: Active
Common Name: Westgate Cleaners
Yrs of Operation: 1963 to present
Comments: dry cleaner
Updated Date: 05/06/2003
Operations SIC Id: 197492
SIC Code: 7216
Created By: Not reported
Created Date: 12/17/2002

I50 ENE 1/8-1/4 0.173 mi. 916 ft.

ODEQ DRY CLEANER WESTGATE CLEANERS **RCRA-CESQG** **1008374895**
697 WALLACE RD NW **MANIFEST** **ORQ000023731**
SALEM, OR 97304

Site 6 of 6 in cluster I

Relative: Lower

Actual: 144 ft.

RCRA-CESQG:
Date form received by agency: 12/31/2011
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Facility address: 697 WALLACE RD NW
SALEM, OR 97304
EPA ID: ORQ000023731
Mailing address: 165 E. 7TH AVENUE, SUITE 100
EUGENE, OR 97401
Contact: DONALD HANSON
Contact address: 165 E. 7TH AVENUE, SUITE 100
EUGENE, OR 97401
Contact country: US
Contact telephone: (541) 687-7349
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: BOB TAGGART
Owner/operator address: 3450 CHERRY AVE
KEIZER, OR 97303
Owner/operator country: US
Owner/operator telephone: 503 399-0033

ODEQ DRY CLEANER WESTGATE CLEANERS (Continued) **1008374895**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1968
Owner/Op end date: Not reported

Owner/operator name: ODEQ
Owner/operator address: 165 E. 7TH AVENUE, SUITE 100
EUGENE, OR 97401
Owner/operator country: US
Owner/operator telephone: (541) 687-7349
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/31/2010
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2009
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2008
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2007
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2006
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2005
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

ODEQ DRY CLEANER WESTGATE CLEANERS (Continued) **1008374895**

Date form received by agency: 12/31/2004
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/08/2004
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

OR MANIFEST:
Manifest Year: Manifest Year - 2007
EPA Id: ORQ000023731
Inactive Status: Not reported
Organization Name: Not reported
Contact First Name: Donald
Contact Last Name: Hanson
Contact Telephone Number: (541) 687-7349
Mailing Address: 1102 Lincoln, Suite 210
Mailing City: Eugene
Mailing State: OR
Mailing Zip: 97401

51
WNW
1/8-1/4
0.173 mi.
916 ft.

HEATING OIL TANK **LUST** **S110510075**
1045 PALI DR NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
252 ft.

LUST:
Region: Western Region
Facility ID: 27-10-0406
Cleanup Received Date: 05/04/2010
Cleanup Start Date: Not reported
Cleanup Complete Date: 08/26/2010

L52
East
1/8-1/4
0.174 mi.
920 ft.

WESTGATE CLEANERS **RCRA-CESQG** **1004770069**
697 NW WALLACE RD **FINDS** **ORD085250413**
SALEM, OR 97304 **DRYCLEANERS**
HAZNET

Site 2 of 3 in cluster L

Relative:
Lower

Actual:
144 ft.

RCRA-CESQG:
Date form received by agency: 02/24/1997
Facility name: WESTGATE CLEANERS
Facility address: 697 NW WALLACE RD
SALEM, OR 97304

WESTGATE CLEANERS (Continued) **1004770069**

EPA ID:	ORD085250413
Mailing address:	697 WALLACE RD NW SALEM, OR 97304
Contact:	JOON PARK
Contact address:	697 WALLACE RD NW SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 364-8900
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WESTGATE CLEANERS
Owner/operator address:	697 WALLACE RD NW SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 364-8900
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	02/24/1997
Owner/Op end date:	Not reported

Owner/operator name:	WESTGATE CLEANERS
Owner/operator address:	697 WALLACE RD NW SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 364-8900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	02/15/1994
Owner/Op end date:	Not reported

Handler Activities Summary:

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

WESTGATE CLEANERS (Continued) **1004770069**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/08/1996
Facility name: WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/17/1995
Facility name: WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/23/1994
Facility name: WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/28/1993
Facility name: WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

FINDS:

Registry ID: 110004786802

Environmental Interest/Information System

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.

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

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

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

WESTGATE CLEANERS (Continued) **1004770069**

DRYCLEANERS:

EPA Id:	ORD085250413
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/15/2003
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	WESTGATE CLEANERS
Owner Address:	697 NW WALLACE RD
Owner Address 2:	Not reported
Owner Telephone:	5033648900
Contact Name:	PARK, JOON
Contact Address:	697 NW WALLACE RD
Contact Address 2:	Not reported
Contact Telephone:	5033648900

HAZNET:

Year:	2003
Gepaid:	ORD085250413
Contact:	PARK, JOON
Telephone:	5033648900
Mailing Name:	Not reported
Mailing Address:	697 NW WALLACE RD
Mailing City,St,Zip:	SALEM, OR 97304
Gen County:	99
TSD EPA ID:	CAD009452657
TSD County:	99
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	0.7
Facility County:	99

Year:	2002
Gepaid:	ORD085250413
Contact:	PARK, JOON
Telephone:	5033648900
Mailing Name:	Not reported
Mailing Address:	697 NW WALLACE RD
Mailing City,St,Zip:	SALEM, OR 97304
Gen County:	Not reported
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	0.77
Facility County:	Not reported

Year:	2002
Gepaid:	ORD085250413
Contact:	PARK, JOON
Telephone:	5033648900
Mailing Name:	Not reported
Mailing Address:	697 NW WALLACE RD

WESTGATE CLEANERS (Continued) **1004770069**

Mailing City,St,Zip: SALEM, OR 97304
Gen County: Not reported
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: 0.50
Facility County: Not reported

K53
ESE
1/8-1/4
0.174 mi.
921 ft.

MCCORMICK/SHIRE **UST** **U000434073**
495 WALLACE RD **N/A**
SALEM, OR 97304

Site 2 of 2 in cluster K

Relative:
Lower

Actual:
144 ft.

UST:
Facility ID: 10338
Facility Telephone: (503)364-3323
Permittee Name: DAN WALLACE
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

H54
East
1/8-1/4
0.175 mi.
923 ft.

MENNIS OIL COMPANY **LUST** **S101511256**
475 TAGGART DR NW / 600 WALLACE RD NW **N/A**
SALEM, OR 97304

Site 5 of 5 in cluster H

Relative:
Lower

Actual:
144 ft.

LUST:
Region: Western Region
Facility ID: 27-88-4047
Cleanup Received Date: 11/14/1988
Cleanup Start Date: 03/08/1992
Cleanup Complete Date: 10/31/2008

L55
ENE
1/8-1/4
0.175 mi.
925 ft.

BOB'S BURGERS (FORMER) **LUST** **S106476151**
710 WALLACE RD NW **N/A**
SALEM, OR 97304

Site 3 of 3 in cluster L

Relative:
Lower

Actual:
144 ft.

LUST:
Region: Western Region
Facility ID: 27-04-0365
Cleanup Received Date: 03/15/2004
Cleanup Start Date: 11/11/2002
Cleanup Complete Date: 06/21/2011

56 ESE 1/8-1/4 0.185 mi. 978 ft. | **SALEM TENT AND AWNING**
280 WALLACE RD. NW
SALEM, OR 97304 | **LUST AST HSIS ECSI** | **S108060549 N/A**

Relative: Lower

Actual: 146 ft.

LUST:

Region:	Western Region
Facility ID:	27-06-1242
Cleanup Received Date:	07/10/2006
Cleanup Start Date:	07/11/2006
Cleanup Complete Date:	**08/29/2012**

AST:

Facility Id:	002436
Hazardous Substance:	DIESEL 2
Reporting Quantities:	50-199
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	002436
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	314912
NAICS Desc 1:	CANVAS AND RELATED PRODUCT MILLS
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	TERRY L WATSON
Business Phone:	5033634788
Mailing Address:	PO BOX 5274
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	14
Day Phone:	5033634788
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	TERRY WATSON
Emergency Procedure:	Not reported
Business Type:	TENT & AWNING MFG

Facility:

Facility Id:	002436
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

SALEM TENT AND AWNING (Continued) **S108060549**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	68476346
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	5221	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	112504	Further Action:	0
Lat/Long (dms):	44 56 43.80 / -123 2 55.70	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	SSADOFS	Update Date:	08/07/2012
Alias Name:	LUST 27-06-1242		

Narrative:

NARR ID:	5751852
NARR Code:	Hazardous Substance/Waste Types

SALEM TENT AND AWNING (Continued) **S108060549**

Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments:Diesel range petroleum hydrocarbons

NARR ID: 5751854
NARR Code: Manner of Release
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments:Leaking heating oil tank

NARR ID: 5751853
NARR Code: Media Contamination
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments:Soil and groundwater

NARR ID: 5754126
NARR Code: Remedial Action
Created By: SSADOFS
Created Date: 08/07/2012
Updated By: SSADOFS
Updated Date: 08/07/2012
NARR Comments:(8/7/12 SJS/VCP) Site has been investigated and there is no evidence of any contamination other than that documented from LUST #27-06-1242. The site will be evaluated and reviewed under the HOT program.

NARR ID: 5751851
NARR Code: 1922
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: EKELLEY
Updated Date: 05/01/2012
NARR Comments:[Nov. 2009] Excerpt (below) from report received June 2008 (see associated webdocs entry for complete
report).
Also see LUST log #27-06-1242 On June 29, 2006, initial soil sa
mple was collected at the east end of the 500 gallon heating oil tank. The tank was located on the north side of the building. Upon collection ofthe soil sample, there was a strong odor of petroleum. This soil sample, collected at 7.5 feet below ground surface (bgs) beneath the east end of the underground heating oil tank (tank), detected diesel, gas and heavy oil. This soil sample also contained 56.2 parts per million (ppm) gasoline and 3,520 ppm diesel total petroleum hydrocarbons (TPH). A second soil sample was collected at the soil
water interface at 14.5 feet bgs. This sample detected gasoline, dies
el, and heavy oil and the TPH results were 21.3 ppm gasoline and 15,700
diesel.
The tank was removed from the ground on July 24, 2006, and deliver

SALEM TENT AND AWNING (Continued) **S108060549**

ed to Cherry City Metals in Salem for recycling. The fluids inside ofthe tank were taken to Oil Re-Refining Company (ORRCO), a petroleum recycler. Additionally, eight hundred (8 00) gallons of water was pumped from the excavation and recycled by ORRCO.

Contaminated soil was removed from the area below and next to the former tank. Six (6) dump truck loads of soil was removed and taken to Riverbend Landfill in McMinnville. The total tonnage was 77.58 tons. The excavation was 20 feet deep, 16 feet long (north to south), and 12 feet wide (east to west).

Soil and groundwater samples were collected from the excavation. T he groundwater sample was collected with a plastic bailer after the pit recharged in 24 hours. The water sample contained 4.51 ppm diesel TPH, 0.182 ppm gasoline, TPH, and 0.00829 ppm lead. Also detected were Acenaphthene at 2.28 parts per billion (ppb),

Fluorene at 7.26 ppb, and n-Propylbenzene at 1.13 ppb. Confirmation soil samples were collected from the sides of the excavation, the excavation floor, and the soil-water interface (north and south at 13 feet bgs). The north sidewall's NWTPH-Dx result at nine (9) feet bgs was 15,700 ppm and at 13 feet bg s it was 2,550 ppm. No benzene, toluene, ethylbenzene, or total xylenes (BTEX) compounds were detected. The south pit wall's 13 feet bgs Dx result was 2,420 ppm diesel with no BTEX compounds detected. Samples from the east and west sidewalls had Dx results of below 50 ppm at nine (9) feet bgs. These samples contained no diesel, BTEX or polynuclear aromatic compound (PAH) compounds above the laboratory reporting limits or risked based screening levels.

Delineation soil samples were obtained from the north, south, and we st side walls of the excavation. There was a six (6)-inch diameter storm sewer buried four (4) feet bgs intersecting the southwest comer of the excavation. The PVC pipe did not have any cracks, and there was no petroleum contamination around the pipe that was bedded in silty loam soil. The south excavation and delineation sidewall samples were completed next to this storm sewer line. The delineation borings showed a reduction in contaminant levels in all directions in the 10-13 feet bgs horizon from three (3) to six (6) feet into the north, south, east, and west sidewalls. Impact in the south sidewall was not defined to below 500 ppm, and levels beneath the building decreased from 2,420 ppm to 982 ppm after six (6) feet. The pit was backfilled with crushed rock on July 25, 2006.

Administrative Action:

Admin ID:	736665	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/30/2009	Complete Date:	06/30/2009
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	736666	Action ID:	9476
Agency:	Dept Of Environmental Quality	Region:	Western Region

SALEM TENT AND AWNING (Continued) **S108060549**

Start Date:	06/09/2009	Complete Date:	06/09/2009
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	REFER	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to Program		
Further Action:	Medium-Low		
Comments:	See LUST 27-06-1242, site is a HOT site.		

Admin ID:	740081	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/07/2012	Complete Date:	Not reported
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/07/2012
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Further review suggests the site will be evaluated as a Heating Oil Tank site, there is no evidence of other contamination.		

J57 **RITCHIES CHEVRON SVC** **AST** **S106847110**
NE **1115 NW WALLACE RD** **HSIS** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.201 mi.
1063 ft. **Site 2 of 3 in cluster J**

Relative:
Lower

Actual:
145 ft.

AST:

Facility Id:	024156
Hazardous Substance:	PROPANE
Reporting Quantities:	200-499
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	024156
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	447190
NAICS Desc 1:	OTHER GASOLINE STATIONS
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	EMILY RITCHIE
Business Phone:	5033644903
Mailing Address:	1115 NW WALLACE RD
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	10
Day Phone:	5033644903
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	MELINDA STEVENSON

RITCHIES CHEVRON SVC (Continued) **S106847110**

Emergency Procedure: OFFICE
Business Type: GASOLINE STATION

Facility:

Facility Id:	024156
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	30
Maximum Amount Possessed During The Year Code:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	B
Description:	UNDERGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1203
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1203
Chemical Abstract Service Identifier Number:	8006619
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id: 024156

RITCHIES CHEVRON SVC (Continued) **S106847110**

Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	CRYOGENIC CONDITIONS
Temperature of The Hazardous Substance Code:	7
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

J58 NE 1/8-1/4 0.202 mi. 1066 ft. | **RITCHIE CHEVRON**
1115 WALLACE RD NW
SALEM, OR 97304
Site 3 of 3 in cluster J | **LUST UST** | **U004015460 N/A**

Relative: Lower
Actual: 146 ft.

LUST:

Region:	Western Region
Facility ID:	27-90-4082
Cleanup Received Date:	05/16/1990
Cleanup Start Date:	05/16/1990
Cleanup Complete Date:	**Not reported**

Region:	Western Region
Facility ID:	27-97-4060
Cleanup Received Date:	04/07/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	306
Facility Telephone:	(503)364-4903
Permittee Name:	RITCHIE SHELL SERVICE
Number of Permitted Tanks:	2
Active Tanks:	2
Decommissioned Tanks:	4
Number of Tanks:	6

M59 East 1/8-1/4 0.211 mi. 1116 ft. | **BATTING CAGES**
675 BARTELL DR NW
SALEM, OR 97304
Site 1 of 2 in cluster M | **LUST** | **S108572954 N/A**

Relative: Lower
Actual: 144 ft.

LUST:

Region:	Western Region
Facility ID:	27-07-0336
Cleanup Received Date:	03/01/2007
Cleanup Start Date:	07/20/2006
Cleanup Complete Date:	**05/01/2007**

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60 NNW 1/8-1/4 0.228 mi. 1206 ft. | **HEATING OIL TANK**
945 HILLTOP DRIVE
SALEM, OR 97304 | **LUST** | **S103839714 N/A**

Relative: Higher
Actual: 271 ft.

LUST:

Region:	Western Region
Facility ID:	27-95-4042
Cleanup Received Date:	03/23/1995
Cleanup Start Date:	03/14/1995
Cleanup Complete Date:	**01/31/1996**

61 NE 1/8-1/4 0.232 mi. 1224 ft. | **KAISER PERMANENTE W. SALEM MEDICAL OFF.**
1160 WALLACE RD NW
SALEM, OR 97304 | **RCRA-CESQG**
MANIFEST | **1011490929**
ORQ000027657

Relative: Higher

Actual: 153 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2011
Facility name:	KAISER PERMANENTE W. SALEM MEDICAL OFF.
Facility address:	1160 WALLACE RD NW SALEM, OR 97304-3116
EPA ID:	ORQ000027657
Mailing address:	2701 NW VAGHN ST., STE. 150 PORTLAND, OR 97210-5379
Contact:	SUSAN GAGER
Contact address:	2701 NW VAUGHN ST.; STE. 150 PORTLAND, OR 97210-5379
Contact country:	US
Contact telephone:	503 721-3964
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	SUSAN GAGER
Owner/operator address:	2701 NW VAGHN ST. STE.150 PORTLAND, OR 97210
Owner/operator country:	US
Owner/operator telephone:	503 721-3964
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/10/2008
Owner/Op end date:	Not reported
Owner/operator name:	KAISER FOUNDATION HOSPITALS
Owner/operator address:	500 NE MULTNOMAH ST., STE 100 PORTLAND, OR 97232
Owner/operator country:	US
Owner/operator telephone:	503 813-2800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/10/2008
Owner/Op end date:	Not reported

KAISER PERMANENTE W. SALEM MEDICAL OFF. (Continued) **1011490929**

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	12/31/2010
Facility name:	KAISER PERMANENTE W. SALEM MEDICAL OFF.
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	12/31/2009
Facility name:	KAISER PERMANENTE W. SALEM MEDICAL OFF.
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	06/10/2008
Facility name:	KAISER PERMANENTE W. SALEM MEDICAL OFF.
Classification:	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code:	NA
Waste name:	NA
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	08/13/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

OR MANIFEST:

Manifest Year:	Manifest Year - 2009
EPA Id:	ORQ000027657
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Susan
Contact Last Name:	Gager
Contact Telephone Number:	Not reported
Mailing Address:	2701 NW Vaughn St.; Ste. 150
Mailing City:	Portland
Mailing State:	OR
Mailing Zip:	97210-5379

KAISER PERMANENTE W. SALEM MEDICAL OFF. (Continued) **1011490929**

RCRA Id :	ORQ000027657
Inactive :	Not reported
Year :	2009
Status :	Conditionally exempt generator
Manifest :	002671662
Ship Date :	4/30/2009
TSD :	NED981723513
WS Num:	1
Transporter :	MAD039322250
Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H040
EPA Waste Codes:	D001 D011
Waste Description:	waste oxidizing solid (silver nitrate)
Tot Amt Of Waste Stream Generated in Reporting Yr:	1.814
Tot Amt Of Waste Stream Generated in Reporting Yr:	1.814

M62 East 1/8-1/4 0.237 mi. 1254 ft. **HAROLDS QUALITY AUTO RPR INC** **AST** **S111210331**
675 NW BARTELL DR NW STE A **HSIS** **N/A**
SALEM, OR 97304

Site 2 of 2 in cluster M

Relative: Lower

Actual: 144 ft.

AST:

Facility Id:	067873
Hazardous Substance:	ANTIFREEZE
Reporting Quantities:	50-199
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK
Storage 2:	PLASTIC BOTTLE, JUG, BUCKET

HSIS:

Facility Id:	067873
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	811111
NAICS Desc 1:	GENERAL AUTOMOTIVE REPAIR
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	HAROLD WOOD CORP PRES
Business Phone:	5033659702
Mailing Address:	675 NW BARTELL DR STE A
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	5
Day Phone:	9712182646
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	HAROLD WOOD
Emergency Procedure:	Not reported
Business Type:	AUTOMOTIVE REPAIR SHOP

Facility:

Facility Id:	067873

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	N
Temperature Description:	PLASTIC BOTTLE, JUG, BUCKET
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	067873
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	No
Pesticide:	No
Contains 313:	Not reported

Facility Id:	067873
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	067873
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	ACETYLENE DISSOLVED
United Nations/north America 4 Digit Class Number:	1001
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1001
Chemical Abstract Service Identifier Number:	74862
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Yes
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	067873
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	1,1,1,2-TETRAFLUOROETHANE
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	811972
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

63
WSW
1/4-1/2
0.257 mi.
1358 ft.

HEATING OIL TANK **LUST** **S106777675**
775 GERTH STREET NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
150 ft.

LUST:

Region:	Western Region
Facility ID:	27-04-2434
Cleanup Received Date:	12/10/2004
Cleanup Start Date:	12/13/2004
Cleanup Complete Date:	**Not reported**

64
North
1/4-1/2
0.287 mi.
1514 ft.

HEATING OIL TANK **LUST** **S104304635**
1270 VALLEY VIEW NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
278 ft.

LUST:

Region:	Western Region
Facility ID:	27-99-4178
Cleanup Received Date:	12/21/1999
Cleanup Start Date:	12/13/1999

HEATING OIL TANK (Continued) **S104304635**

Cleanup Complete Date: 01/03/2000

N65
SSW
1/4-1/2
0.311 mi.
1644 ft.

EDGEWATER AUTOMOTIVE
1191 EDGEWATER ST NW
SALEM, OR 97304

LUST **U004015454**
UST **N/A**

Site 1 of 2 in cluster N

Relative:
Higher

Actual:
155 ft.

LUST:

Region:	Western Region
Facility ID:	27-96-4160
Cleanup Received Date:	11/06/1996
Cleanup Start Date:	01/01/1999
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	321
Facility Telephone:	(503) 371-1427
Permittee Name:	PHILLIP FICEK
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	8
Number of Tanks:	8

66
West
1/4-1/2
0.325 mi.
1717 ft.

HEATING OIL TANK
1050 CASCADE DR NW
SALEM, OR 97304

LUST **S102778833**
N/A

Relative:
Higher

Actual:
269 ft.

LUST:

Region:	Western Region
Facility ID:	27-96-4038
Cleanup Received Date:	03/01/1996
Cleanup Start Date:	03/18/1996
Cleanup Complete Date:	**12/04/1996**

N67
SSW
1/4-1/2
0.343 mi.
1809 ft.

OFFICE BUILDING (REAR)
1223 EDGEWATER ST NW
SALEM, OR 97304

LUST **U000433802**
UST **N/A**

Site 2 of 2 in cluster N

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	27-88-4055
Cleanup Received Date:	10/25/1988
Cleanup Start Date:	10/25/1988
Cleanup Complete Date:	**11/07/2003**

UST:

Facility ID:	8981
Facility Telephone:	(503) 399-2282
Permittee Name:	Not reported

OFFICE BUILDING (REAR) (Continued) **U000433802**

Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

Facility ID: 8980
Facility Telephone: (503) 399-2282
Permittee Name: Not reported
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

68
WNW
1/4-1/2
0.350 mi.
1847 ft.

HEATING OIL TANK
1079 CASCADE DR NW
SALEM, OR 97304

LUST **S104908274**
N/A

Relative:
Higher

Actual:
296 ft.

LUST:
Region: Western Region
Facility ID: 27-01-5301
Cleanup Received Date: 02/22/2001
Cleanup Start Date: 02/21/2001
Cleanup Complete Date: 03/27/2001

69
WNW
1/4-1/2
0.384 mi.
2026 ft.

HEATING OIL TANK
1120 PARKWAY DR NW
SALEM, OR 97304

LUST **S108573033**
N/A

Relative:
Higher

Actual:
289 ft.

LUST:
Region: Western Region
Facility ID: 27-06-1839
Cleanup Received Date: 10/15/2006
Cleanup Start Date: 10/16/2006
Cleanup Complete Date: 12/05/2006

70
North
1/4-1/2
0.387 mi.
2046 ft.

HEATING OIL TANK
791 ORCHARD HEIGHTS RD NW
SALEM, OR 97304

LUST **S104820485**
N/A

Relative:
Higher

Actual:
246 ft.

LUST:
Region: Western Region
Facility ID: 27-00-5887
Cleanup Received Date: 09/15/2000
Cleanup Start Date: 09/12/2000
Cleanup Complete Date: 12/06/2000

O71
NNW
1/4-1/2
0.390 mi.
2061 ft.

HEATING OIL TANK
1185 LIPINE LAND NW
SALEM, OR 97304

Site 1 of 3 in cluster O

LUST **S100921328**
N/A

Relative:
Higher

Actual:
227 ft.

LUST:

Region:	Western Region
Facility ID:	27-94-4048
Cleanup Received Date:	05/12/1994
Cleanup Start Date:	04/05/1994
Cleanup Complete Date:	**Not reported**

72
West
1/4-1/2
0.395 mi.
2084 ft.

HEATING OIL TANK
1025 TERRACE DR NW
SALEM, OR 97304

LUST **S108573035**
N/A

Relative:
Higher

Actual:
279 ft.

LUST:

Region:	Western Region
Facility ID:	27-05-0934
Cleanup Received Date:	05/09/2005
Cleanup Start Date:	05/11/2005
Cleanup Complete Date:	**05/14/2007**

73
SW
1/4-1/2
0.405 mi.
2138 ft.

HEATING OIL TANK
1360 FRANKLIN ST NW
SALEM, OR 97304

LUST **S105247491**
N/A

Relative:
Higher

Actual:
152 ft.

LUST:

Region:	Western Region
Facility ID:	27-02-5182
Cleanup Received Date:	02/05/2002
Cleanup Start Date:	02/05/2002
Cleanup Complete Date:	**02/20/2002**

74
West
1/4-1/2
0.409 mi.
2160 ft.

HEATING OIL TANK
951 CASCADE DRIVE NW
SALEM, OR 97304

LUST **S105856939**
N/A

Relative:
Higher

Actual:
210 ft.

LUST:

Region:	Western Region
Facility ID:	27-03-1010
Cleanup Received Date:	05/23/2003
Cleanup Start Date:	05/27/2003
Cleanup Complete Date:	**07/10/2003**

O75
NNW
1/4-1/2
0.414 mi.
2184 ft.

HEATING OIL TANK
1165 LARKSPUR LN NW
SALEM, OR 97304

Site 2 of 3 in cluster O

LUST **S109052077**
N/A

Relative:
Higher

Actual:
220 ft.

LUST:

Region:	Western Region
Facility ID:	27-08-0287
Cleanup Received Date:	03/19/2008
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**04/10/2008**

O76
NNW
1/4-1/2
0.414 mi.
2184 ft.

HEATING OIL TANK
1315 WEST WAY NW
SALEM, OR 97304

Site 3 of 3 in cluster O

LUST **S102590374**
N/A

Relative:
Higher

Actual:
229 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4102
Cleanup Received Date:	06/30/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

P77
West
1/4-1/2
0.433 mi.
2285 ft.

HEATING OIL TANK
964 TERRACE DR NW
SALEM, OR 97304

Site 1 of 2 in cluster P

LUST **S112225612**
N/A

Relative:
Higher

Actual:
269 ft.

LUST:

Region:	Western Region
Facility ID:	27-12-0817
Cleanup Received Date:	07/19/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**09/04/2012**

P78
West
1/4-1/2
0.460 mi.
2430 ft.

HEATING OIL TANK
963 PARKWAY NW
SALEM, OR 97304

Site 2 of 2 in cluster P

LUST **S103839708**
N/A

Relative:
Higher

Actual:
290 ft.

LUST:

Region:	Western Region
Facility ID:	24-93-5139
Cleanup Received Date:	11/11/1993
Cleanup Start Date:	10/11/1993
Cleanup Complete Date:	**04/21/2000**

79
West
1/4-1/2
0.474 mi.
2504 ft.

HEATING OIL TANK
914 TERRACE DRIVE NW
SALEM, OR 97304

LUST
S103543471
N/A

Relative:
Higher

Actual:
269 ft.

LUST:

Region:	Western Region
Facility ID:	27-96-4082
Cleanup Received Date:	05/14/1996
Cleanup Start Date:	03/11/1998
Cleanup Complete Date:	**03/17/2000**

80
WSW
1/4-1/2
0.482 mi.
2543 ft.

HEATING OIL TANK
876 PIEDMONT AVE NW
SALEM, OR 97304

LUST
S105464166
N/A

Relative:
Higher

Actual:
152 ft.

LUST:

Region:	Western Region
Facility ID:	27-02-0091
Cleanup Received Date:	06/10/2002
Cleanup Start Date:	06/07/2002
Cleanup Complete Date:	**Not reported**

81
SSW
1/4-1/2
0.499 mi.
2637 ft.

NEUFELDT'S TEXACO
1395 EDGEWATER NW
SALEM, OR 97304

LUST
UST
OR HAZMAT
U000434076
N/A

Relative:
Higher

Actual:
153 ft.

LUST:

Region:	Western Region
Facility ID:	27-91-4129
Cleanup Received Date:	04/24/1991
Cleanup Start Date:	05/19/1992
Cleanup Complete Date:	**05/19/1992**

UST:

Facility ID:	10731
Facility Telephone:	(503)363-2464
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	5
Number of Tanks:	5

HAZMAT:

Responsble Party:	UNKNOWN
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Facility ID:	970232
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported

NEUFELDT'S TEXACO (Continued) **U000434076**

Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	970232
Dept. Responding:	SALEM FD
Person Making Report:	STEVE BERKSON
Title:	CAPT
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	06/02/1997
Call Time:	9:55:00 PM
In Route:	12:00:00 AM
Arrival:	10:02:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	11:52:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	True
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	97-5782
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Public Road
Area Type:	Commercial
Responsible Party(Ies):	UNKNOWN
Company:	Not reported
Respcontact:	Not reported
Address:	Not reported
Resp City:	Not reported
Resp State:	Not reported
Resp ZipCode:	Not reported
Phone:	Not reported

NEUFELDT'S TEXACO (Continued) **U000434076**

Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Not reported
Cause:	Abandoned
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	8151
Chemical Id:	35430
Incident Id:	970232
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Method:

Method Used Id:	2446
Incident Id:	970232
Identity Method:	6

Released:

Release Behavior Id:	8138
Incident Id:	970232
Behavior:	10

Narrative:

Narrative Id:	6616
Incident Id:	970232

Incident Narrative: AN UNIDENTIFIED POWDER WAS DISCOVERED ON THE STREET BY AN ENVIRONMENTAL SERVICES PERSON WITH SALEM/THAT PERSON SECURED THE AREA AND REQUESTED A HAZMAT TEAM RESPONSE TO IDENTIFY THE PRODUCT/IT WAS DETERMINED THAT THE PRODUCT HAD BEEN THERE FOR AT LEAST SEVERAL HOURS/THE HAZMAT TEAM OBTAINED A SAMPLE AND DETERMINED THE PRODUCT WAS FLOUR/THE FLOUR WAS CLEANED UP BY ENVIRONMENTAL SERVICES/THE

NEUFELDT'S TEXACO (Continued) **U000434076**

PRODUCT IDENTIFICATION WAS DONE BY HAZCAT METHOD/THE PRODUCT IDENTIFICATION WAS MADE PRIOR TO ANY DECONTAMINATION

Incident Date: 6/2/1997

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82 ESE 1/2-1 0.560 mi. 2958 ft.

SALEM GAS MANUFACTURING SITE
CHEMEKETA AND WATER STREETS
SALEM, OR 97301

EDR MGP **1008408803**
N/A

Relative: Higher

Actual: 155 ft.

Manufactured Gas Plants:

Alternate Name:SALEM GASLIGHT CO; PORTLAND ELECTRIC POWER CO; PORTLAND GAS AND COKE CO. No additional information available

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83 SE 1/2-1 0.694 mi. 3664 ft.

BOISE CASCADE - MINTO ISLAND
315 COMMERCIAL STREET
SALEM, OR 97302

SPILLS
INST CONTROL
VCP
BROWNFIELDS
ECSI

S105613656
N/A

Relative: Higher

Actual: 153 ft.

OR SPILLS:

Year: Not reported
Facility ID: 09-1411
Spill Date: Not reported
Material: Not reported
Quantity: 5
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 06/26/2009
Description: Staton Demolition reported the release of 5 gallons of hydraulic fluid to Pringle Creek at the Boise Cascade construction site. Booms were applied to seen, leak source has been stopped. City of Salem Environmental Services responded to the scene.
Location: Not reported
Lat/Long: 44.936 / -123.0507
Source: Business
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Staton Demolition
Responsible Contact: Ron Richey
Responsible Address: PO Box 7515
Responsible City,St,Zip: Eugene, OR 97401-0020
Responsible Country: LANE

Year: Not reported
Facility ID: 09-1411
Spill Date: Not reported
Material: Not reported
Quantity: 5
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 06/26/2009
Description: Staton Demolition reported the release of 5 gallons of hydraulic fluid to Pringle Creek at the Boise Cascade construction site. Booms were applied to seen, leak source has been stopped. City of Salem Environmental Services responded to the scene.

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Location: Not reported
Lat/Long: 44.936 / -123.0507
Source: Business
Material: Not reported
Media: Not reported
Responsible Company: Staton Demolition
Responsible Contact: Ron Richey
Responsible Address: PO Box 7515
Responsible City,St,Zip: Eugene, OR 97401-0020
Responsible Country: LANE

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: Not reported
Spill Date: Not reported
Material: Not reported
Quantity: 0
Unit of Measure: Not reported
How Occurred: Not reported
Release Date: / /
Description: Not reported
Location: Not reported
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: Not reported
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL.

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.

Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

OR INSTUTIONAL CONTROL:

Site Control Sequence #: 550
Site Id: 355
Control Sequence #: 5
Begin Date: 03/28/2000
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Mary Camarata, DEQ
Last Review Date: 03/15/2009
Last Updated By: GWISTAR
Last Updated Date: 06/08/2009
Group Sequence #: 2
Control Code: USL
Control Description: Use Restriction Land
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Property suitable only for industrial uses unless further investigation and possibly remedial actions are completed.

VCS:

ECS Site ID: 4427
CRL: NFA
Facility Size: Approx. 13
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 05/01/2007
End Date: 06/13/2007
Project Manager Name: Angie Obery
Program: ICP

ECS Site ID: 355
CRL: SUS
Facility Size: 70 acres
Action: No Further Action (Conditional)
Start Date: 02/28/2000
End Date: 03/28/2000
Project Manager Name: Michael McCann
Program: VCP

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

OR BROWNFIELDS:

Geolocation Id:	60621
Status:	NO FURTHER STATE ACTION REQUIRED
Lat/Long:	44.9382 / -123.041

ECSI:

State ID Number:	355	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	98197	Further Action:	258
Lat/Long (dms):	44 56 9.60 / -123 3 2.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	200	Size:	70 acres
NPL:	False	Orphan:	False
Updated By:	MROSENB	Update Date:	03/23/2011
Alias Name:	Minto-Brown Site		

Hazardous Release:

Substance ID.:	121671
Haz Release ID:	383793
Qty Released:	unknown
Date Released:	continuous
Update Date:	07/09/1988
Update By:	Not reported
Substance Code:	7440-47-3
Substance Name:	CHROMIUM
Substance Abbrev.:	Not reported
Substance Category ID:	8462
Substance Category:	Inorganics
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8462
Substance Category:	Inorganics
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	319294
Sub Alias Name:	CHROMIUM, TOTAL
Substance Alias ID:	318145
Sub Alias Name:	CHROMIUM, INORGANIC
Comment ID:	303954
Release Code:	Data Sources
Release Comments:	Geohydrologic Study by Russ Fetrow Engineering; rec'd by DEQ 6/86
Sampling Result ID:	346254
Feature Id:	Not reported
Hazard Release Id:	383793
Medium:	698
Substance Abbrev.:	Not reported
Unit Code:	109
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .72
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121639
Haz Release ID: 385645
Qty Released: unknown
Date Released: continuous
Update Date: 07/09/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303953
Release Code: Data Sources
Release Comments: Geohydrologic Study by Russ Fetrow Engineering; rec'd by DEQ 6/86
Sampling Result ID: 346255
Feature Id: Not reported
Hazard Release Id: 385645
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .70
Sample Comment: 0.05 ppm
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121664
Haz Release ID: 382086
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-38-2

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Sampling Result ID: 340691
Feature Id: Not reported
Hazard Release Id: 382086
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .34
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121665
Haz Release ID: 382087
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-39-3
Substance Name: BARIUM
Substance Abbrev.: Not reported
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319287
Sub Alias Name: BA
Sampling Result ID: 340692
Feature Id: Not reported
Hazard Release Id: 382087
Medium: 698

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: 3.30
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999
Sampling Result ID: 340693
Feature Id: Not reported
Hazard Release Id: 382087
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: 3.30
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121668
Haz Release ID: 382088
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-43-9
Substance Name: CADMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319291
Sub Alias Name: CD
Sampling Result ID: 340694
Feature Id: Not reported
Hazard Release Id: 382088
Medium: 698
Substance Abbrev.: Not reported

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .00
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121643
Haz Release ID: 382089
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7439-97-6
Substance Name: MERCURY
Substance Abbrev.: Not reported
Substance Category ID: 8467
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8467
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
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
Sampling Result ID: 340695
Feature Id: Not reported
Hazard Release Id: 382089
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .00
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Narrative:

NARR ID: 5728675
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/7/88 MMD/SAS) Groundwater study conducted upon closure of the facility confirmed the presence of arsenic, barium, chromium, and lead above drinking water standards. Contamination may be result of leaching from gravels on Minto Island where Boise Cascade stored pulp liquor in an unlined pond. The contamination also causes a black band to appear in the Willamette River and Slough during each low-flow period. (7/26/99 BTM) The only analytical data available are monitoring well results (1983-1985) indicating no volatile organics and elevated metals concentrations. (1/5/00 M5M) Boise Cascade conducting a supplemental site assessment study of groundwater & clarifier solids to assess impacts. (3/28/00 M5M) Analytical results from soil and groundwater samples indicate no elevated levels of metals, PAHs or dioxins are present at the site. Pond sludge appears to have completely degraded.

NARR ID: 5752180
NARR Code: Data Sources
Created By: MCAMARA
Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: Minto Island Environmental Facilities Closure Plan Report, Amended, prepared by Russ Fetrow Engineers, dated September
1984.
Minto Island Environmental Facilities Closure Plan Report, Appendi
x, prepared by Russ Fetrow Engineers, dated September
1984.
Internal Memorandum, Analystical Data Reports, prepared by Barr, d
ated December 13,
1999 Expanded Preliminary Assessment, prepared by Barr, dated March
Not reported
2000.
Phase I Environmental Site Assessment, Boise Cascade Minto Island
Industrial Property, prepared by CH2M Hill, January
2007.
Supplemental Risk Evaluation, Boise Cascade Minto Island, prepared
by CH2M Hill, dated June 4,
2007.
Boise Cascade Minto Island Property Review of June 4, 2007 Supplem
ental Risk Evaluation, Boise Cascade Minto Island, prepared by
GeoEngineers, dated November 29,
2007.
Boise Cascade Minto Island Property Environmental Review and Data
Gap Analysis, prepared by GeoEngineer, dated December 3,
2007.
Response to GeoEngineers Comments, prepared by CH2M Hill, dated Fe
buary 10,
2008.
Strategy Recommendation by DEQ, dated July 29, 1999. Site Sum
mary Report, by DEQ, dated March 23, 2000.

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

NARR ID: 5728676
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: heavy metals - chromium, lead,
mercury dioxins in sediment ammonia in buried sludge

NARR ID: 5752182
NARR Code: Project Issues Summary
Created By: MCAMARA
Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/21/2010
NARR Comments: In 1987, the treatment ponds were closed, and the Water Quality Program issued a closure letter with conditions. In 1999, the Site Assesment Program evaluated the site for residual contamination and ranked it a high priority for further evaluation.
From in early 2000, Boise Cascade conducted a site evaluation. In April 2000, the Cleanup Program issued a conditional NFA for industrial site uses.
In 2007, Boise Cascade collected samples to obtain site closure fo r un-restricted use as park. In 2008, DEQ requested additonal samples and site information. Boise Cascade elected to leave the Cleanup Program and work independently.

NARR ID: 5748591
NARR Code: Site Location
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: MENGLIS
Updated Date: 09/05/2006
NARR Comments: Boise Cascade?s Minto Island site occupies approximately 70 acres on the northern tip of Minto Island and is bordered by the Willamette Slough to the east, and the Willamette River to the northwest. The closed Boise Cascade mill (ECSI #4427) is located directly across the slough from the site.

NARR ID: 5728677
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Practice of storing pulp mill liquors in unlined ponds on island.
Time of release: 1960-1985. Waste also included clarifier solids; clarifier treated bleach plant wastewater and sulfite pulping liquor.
ASB Ponds discharged to Willamette River via an NPDES discharge prior to 1982. Seepage from the ponds to the Willametter River and Willamette Slough continued after inflow to the ponds ceased. Water discoloration in the Willamette Slough was visible until approximately 1996.

NARR ID: 5752179
NARR Code: Media Contamination
Created By: MCAMARA

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: Metals were detected in groundwater.
Metals were detected in soil and sludge. Dioxins were detected in s oil, sludge, and sediments.

NARR ID: 5728678
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 05/21/2010
NARR Comments: (9/7/88 MMD/SAS) Proper closure of industrial solid waste site; removal of sludges and closure of emergency holding pond; measurement of sludge in 2 aeration basins; removal of asbestos, liquid and solid wastes and PCBs remaining in pulp mill complex; comprehensive groundwater study.
(2/11/94 DMC/SAS) Site needs to be screened by Western Region Site Assessment Staff to determine if it meets the confirmed release definition.
(7/26/99 BTM) No confirmation samples from the emergency holding p ond were collected after sludge removal. Sludges were not removed from the other two ponds. Solids from the same source as the sulfite pulp liquor also present in two adjacent burial areas. No characterization of wastes has been conducted. High priority for an Expanded Preliminary Assessment (XPA).
(1/5/00 M5M) Boise Cascade conducting a supplemental site assessme nt study through Cleanup Program to evaluate current site conditions & assess environmental impacts of facility. Study to include groundwater sampling and soil sampling from the solids burial area and former emergency holding pond.
(3/28/00 M5M/VCS) Groundwater and soil sampling do not indicate an y impact or threat to human health or the environment given current site conditions (industrial use) and maintaining of permit closure requirements. No further action required at this time for Minto-Brown Site. (The Willamette River and Willamette Slough were not evaluated during the supplemental site assessment in 2000.)
2/29/08 M2C/ICP) - Summary of Site There are currently 3 areas wi th caps covering waste: the Emergency Holding Pond, the Buried Solids Area, and the Old Landfill. In addition, there is a 50 million-gallon (MG) pond containing less than 1 foot of solids and about 5 feet of water, and there is a 100-MG pond containing less than 1 foot of solids and no water. The vegetation looks stressed or is absent in some areas of the 100-MG pond.
Boise Cascade has closed down plant operation and sold the downtow n portion of the mill site. Boise has put the Minto-Brown site on the market. Oregon State Parks is considering purchasing the property if the Minto-Brown site is safe for recreatational and ecological users.
In February 2007 Boise Cascade sampled areas outside of Boise Casc ade operations, the 50-MG pond solids, the 50-MG pond water, the 100-MG pond solids/soil, the Buried Solids Area cap, and the Old Landfill cap. The purpose of the sampling was evaluate the site for change in use from a industrial site to a park.
Boise Cascade summerized the analytical results in the Supplementa

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

l Risk Evaluation, Boise Cascade, Minto Island Report prepared by CH2M Hill and dated June 4, 2007.

DEQ provided response comments on August 1, 2007. DEQ requested ad ditional information about the completeness of the sampling. Boise Cascade responded to DEQ comments on September 2007 and provided additional information on how samples were collected and a 1984 closure plan.

DEQ evaluted the new information including reports and proposed si te use. DEQ prepared a memo dated January 18, 2008 on data gaps on the upland portion of Minto-Brown, the Willamette River, and the Willamette Slough. Boise Cascade did not agree with DEQ assessment and summarized their response in a February 10, 2008 Memo prepared by CH2M Hill.

On February 11, 2008 Boise Cascade terminated the cleanup agreeme nt with DEQ. DEQ closed out the project as of February 29, 2008 and has not responded to Boise-Cascade's last memo.

(5/22/08 M2C) Oregon State Parks continues to negotiate with Boise Cascade to complete upland sampling and possible sampling of the Willamette River and Willamette Slough.

Boise Cascade elected not to collected additional samples to obtai n an un-restricted NFA and the potential property transaction with Oregon Parks was cancelled. The conditional NFA for industrial uses with permit closure requirement is still in effect. The supplemental data collected in 2007 indicated that a recreational path providing access to City's park would not prose a risk to people. Access should be restrict to areas not on recreational path.

The City of Salem is working with Boise Cascade to obtain an easem ent for a recreational path through the industrial area on the island to the City's park. Boise Cascade would like to drain the 50-MG pond for safety reasons prior to granting an easement to the City.

(5/19/10 M2C) DEQ evaluated the site using environmental informati on provided after the 2000 conditional NFA was issued. A new Site Assessment Priorization System (SAPs) score was completed by staff. The site ranks a medium priorty for additonal site characterization in the following
areas:
1) potential impacts to surface water and sediments in the Willamett e River and Willamette Slough from residual contamination in the capped areas and treatment ponds,
and 2) upland areas partially evaluated by Boise Cascade.

NARR ID: 5752188
NARR Code: 1922
Created By: MCAMARA
Created Date: 05/21/2010
Updated By: GWISTAR
Updated Date: 06/17/2010
NARR Comments: [May 2010] On Minto-Brown Island, Boise Cascade used wastewater stabilization basins to treat process mill waste, and constructed other solid waste disposal sites. The associated permits were closed in the 1980s. The closure requirements included maintaining caps on the solid waste disposal sites and maintaining water levels in the stabilization basins sufficiently above the sludge layer to prevent odors. At that time, DEQ noted that impacts to groundwater, the Willamette River, and the Willamette Slough would likely continue for decades.

In 2000 and 2007, samples were collected in industrial areas of th

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

e site, to evaluate residual contamination. The site received a conditional NFA for industrial site use in 2000. Conditions on the NFA included: 1) limiting the site to industrial use; 2) maintaining caps; and 3) restricting site access to a proposed recreational walking path that is protective for recreational users and for future occupational
workers.
Due to historical releases from the wastewater stabilization basin s to the Willamette River and Willamette Slough, more assessment is required in both water bodies.

Site Control:

Site Control #:	550
Control Number:	5
Begin Date:	03/28/2000
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Mary Camarata, DEQ
Last Reviewed Date:	03/15/2009
Last Update By:	GWISTAR
Last Updated Date:	06/08/2009
Site Comment:	Property suitable only for industrial uses unless further investigation and possibly remedial actions are completed.

Administrative Action:

Admin ID:	718318	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/07/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724001	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	708786	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/04/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Further Action: Not reported
Comments: Not reported

Admin ID:	705682	Action ID:	9428
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/12/1999	Complete Date:	11/12/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EXTR	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Extension requested by owner/operator		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705683	Action ID:	9430
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/16/1999	Complete Date:	12/16/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	GRNT	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Petition or request granted		
Further Action:	Not reported		
Comments:	Extension granted until February 11, 2000.		

Admin ID:	705768	Action ID:	9442
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/15/1999	Complete Date:	01/14/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NEG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NEGOTIATIONS		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705769	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/15/1999	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	706225	Action ID:	9451
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/03/2000	Complete Date:	03/03/2000
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Action Code:	OOCL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Owner/operator comments received on listing notification		
Further Action:	Not reported		
Comments:	Comments from Allan E. Cawrse; Boise Cascade along with an Expanded Preliminary Assessment prepared for Boise Cascade by BARR, March 2000.		

Admin ID:	706416	Action ID:	9419
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/28/2000	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	DNTL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Decision Not to List Site (on the CRL or Inventory)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707252	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/04/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707253	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/29/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707254	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/29/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	707372	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Start Date:	07/28/1999	Complete Date:	07/28/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	721914	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707605	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/05/1999	Complete Date:	11/05/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	734936	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/28/2000	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	516	Cleanup Flag:	False
Created By:	MCAMARA	Created Date:	02/28/2008
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Action (Conditional)		
Further Action:	0		
Comments:	The NFA is based on industrial use.		

Operations:

Operation Id:	131777
Operation Status:	Inactive
Common Name:	Boise Cascade - Minto Island
Yrs of Operation:	Not reported
Comments:	Sulfite pulp and paper mill
Updated Date:	03/16/1995
Operations SIC Id:	195313
SIC Code:	2611
Created By:	Not reported
Created Date:	12/17/2002
Operations SIC Id:	195314

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

SIC Code: 2621
Created By: Not reported
Created Date: 12/17/2002

State ID Number:	4427	Brown ID:	Brownfield Site - DEQ Tech Assistance
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	60621	Further Action:	0
Lat/Long (dms):	44 56 17.50 / -123 2 30.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	See Narrative	Size:	Approx. 13 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	08/22/2007

Narrative:

NARR ID: 5746718
NARR Code: Contamination
Created By: MENGLIS
Created Date: 06/09/2005
Updated By: MENGLIS
Updated Date: 06/09/2005
NARR Comments: TPH in soil and groundwater from former Bunker C AST. Residual oil at base of water-bearing zone (~25 ft bgs) 25 feet radius from tank. Low TPH in groundwater near the tank. Some low concentration metals in soil.

NARR ID: 5749621
NARR Code: General Site Description
Created By: GWISTAR
Created Date: 08/22/2007
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The site is bounded by the Willamette River and the Willamette Slough to the west, a City of Salem park to the north, Commercial Street SE and the Salem Convention Center to the east, and Bellevue Street and a furniture store to the south. Adjacent properties are developed for commercial and industrial uses.

NARR ID: 5746719
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 06/09/2005
Updated By: MENGLIS
Updated Date: 06/09/2005
NARR Comments: TPH-dx, Arsenic, Barium, Chromium, Lead, Manganese

NARR ID: 5748592
NARR Code: Site Location
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The site consists of the following tax lots: 300, 701, 801, 1490, 1700, 2000, 2100, 3000, and 3100.

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

NARR ID: 5749530
NARR Code: Remedial Action
Created By: AOBERY
Created Date: 07/30/2007
Updated By: AOBERY
Updated Date: 07/30/2007
NARR Comments: In early 2007, Boise submitted a ICP Closure report for the Salem mill site. The investigation did not include the Minto-Brown Island properties. DEQ prepared a staff Report on April 23, 2007. The staff report was open for comments during the month of May. A public meeting was held in Salem on May 24, 2007 at the Pringle Hall Community Center. On June 13, 2007, DEQ issued a NFA for the Salem Mill Site.

NARR ID: 5749620
NARR Code: 1922
Created By: GWISTAR
Created Date: 08/22/2007
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The Boise Cascade Mill site in Salem consists of 13 acres located on the downtown Salem waterfront. The former paper mill was used most recently as a paper converting facility before the property was put on the market to be sold. Based on review of Boise Cascade's Independent Cleanup Pathway Final Report, DEQ determined in June 2007 that no further action was needed at the site.

Administrative Action:

Admin ID:	730414	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/09/2005	Complete Date:	06/09/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/09/2005
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	730415	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/09/2005	Complete Date:	06/13/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/09/2005
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Not reported		

Admin ID:	734205	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/01/2007	Complete Date:	06/13/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	07/30/2007

BOISE CASCADE - MINTO ISLAND (Continued) **S105613656**

Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

84
ESE
1/2-1
0.709 mi.
3746 ft.

Relative:
Higher

Actual:
158 ft.

ROBERSON MOTORS SITE (OLD) **FINDS** **1006857263**
435 COMMERCIAL ST NE **LUST** **N/A**
SALEM, OR 97310 **ECSI**

FINDS:

Registry ID: 110014196850

Environmental Interest/Information System
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.

LUST:

Region:	Western Region
Facility ID:	24-90-4224
Cleanup Received Date:	09/04/1990
Cleanup Start Date:	09/04/1990
Cleanup Complete Date:	**09/18/1992**

Region:	Western Region
Facility ID:	24-90-4330
Cleanup Received Date:	01/09/1991
Cleanup Start Date:	12/18/1990
Cleanup Complete Date:	**09/18/1992**

ECSI:

State ID Number:	1622	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	832	Investigation:	Suspect
FACA ID:	9033	Further Action:	260
Lat/Long (dms):	44 56 39.80 / -123 2 19.70	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	06/08/2011

Hazardous Release:

Substance ID.:	121059
Haz Release ID:	384569
Qty Released:	unknown
Date Released:	unknown

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Update Date: 11/14/1994
Update By: Not reported
Substance Code: 1336-36-3
Substance Name: PCBs
Substance Abbrev.: Not reported
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
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
Sampling Result ID: 342996
Feature Id: Not reported
Hazard Release Id: 384569
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/01/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 4.5 ppm
Last Update By: ars
Update Date: 11/14/1994

Narrative:
NARR ID: 5734510
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Gasoline, diesel fuel, and PCB impacts to soil at a former auto dealer. Discovered during site renovation in 1991. PCBs detected in soil near hydraulic lift location. Gasoline and diesel also impact groundwater.

NARR ID: 5734511
NARR Code: Data Sources
Created By: Not reported

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Western Region LUST files #24-90-4330 and #24-91-4112.

NARR ID: 5734512
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:PCBs from hydraulic oil

NARR ID: 5734513
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Unknown

NARR ID: 5734514
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Site has been renovated and now has an office building and a bridge on-ramp. The site is located approximately 800 feet east of Willamette River.

NARR ID: 5734515
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:LUST program to continue its investigation. Site has low priority in LUST.

NARR ID: 5734516
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Potential groundwater contamination

Administrative Action:

Admin ID:	717182	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1994	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Further Action: Not reported
Comments: Not reported

Admin ID:	719538	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1994	Complete Date:	10/27/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719540	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719541	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/27/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719566	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/27/1994	Complete Date:	11/08/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719567	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713964	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/04/1995	Complete Date:	10/04/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	657	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715406	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	LUST program to take the lead.		

Admin ID:	702275	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/20/2001	Complete Date:	09/20/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	767	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	Not reported		
Comments:	Listing aborted due to lack of regional follow-through.		

Admin ID:	712236	Action ID:	9431
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	04/02/1997	Complete Date:	04/02/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	HOLD	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Place on hold		
Further Action:	Not reported		
Comments:	On hold pending outcome of PCB Generic Remedy.		

Operations:

Operation Id:	132955
Operation Status:	Active
Common Name:	Robertson Motors Site

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Yrs of Operation:	58 years
Comments:	auto dealership
Updated Date:	05/01/1995
Operations SIC Id:	195859
SIC Code:	5012
Created By:	Not reported
Created Date:	12/17/2002

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85 ESE 1/2-1 0.729 mi. 3847 ft.

FIRST BAPTIST CHURCH OF SALEM **ECSI** **S106497257**
510 COMMERCIAL STREET NE **N/A**
SALEM, OR 97301

Relative: Higher

Actual: 158 ft.

ECSI:

State ID Number:	4168	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	83639	Further Action:	0
Lat/Long (dms):	44 56 42.40 / -123 2 15.70	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	MENGLIS	Update Date:	06/30/2004

Narrative:

NARR ID:	5745071
NARR Code:	Remedial Action
Created By:	MENGLIS
Created Date:	06/01/2004
Updated By:	MENGLIS
Updated Date:	06/01/2004
NARR Comments:	While working on renovation of the parking lot, suspect material was encountered. Three soil samples were collected (1 from the excavated area and 2 from stockpiled material). All samples were analyzed for hydrocarbons, waste oil, and VOCs. Based on laboratory results, it appears that the petroleum contamination was most likely from a small surface spill or applied to gravel for dust control prior to concrete paving of the site. A total of 300.09 tons of petroleum contaminated soil was transported and disposed of at Coffin Butte Landfill. No file record was found in DEQ?s LUST or ESRI systems for this address. The site assessment section recommends no further action at this site.

Administrative Action:

Admin ID:	728558	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/01/2004	Complete Date:	06/01/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

FIRST BAPTIST CHURCH OF SALEM (Continued) **S106497257**

Admin ID:	728559	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728560	Action ID:	9419
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	DNTL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Decision Not to List Site (on the CRL or Inventory)		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728561	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

86
ESE
1/2-1
0.782 mi.
4131 ft.

LAKE POINT PROPERTIES, LLC **LUST** **S106776992**
394 CENTER ST. NE **ECSI** **N/A**
SALEM, OR 97301

Relative:
Higher

Actual:
159 ft.

LUST:

Region:	Western Region
Facility ID:	24-04-2104
Cleanup Received Date:	10/08/2004
Cleanup Start Date:	10/07/2004
Cleanup Complete Date:	**03/31/2006**

ECSI:

State ID Number:	4348	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	87608	Further Action:	0
Lat/Long (dms):	44 56 35.90 / -123 2 13.90	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/20/2008
Alias Name:	Center & Liberty Property		

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	386468
Qty Released:	Not reported
Date Released:	10/7/04
Update Date:	03/08/2005
Update By:	MENGLIS
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917
Sub Alias Name:	TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID:	316918
Sub Alias Name:	TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID:	348080
Feature Id:	0
Hazard Release Id:	386468
Medium:	698
Substance Abbrev.:	0
Unit Code:	63
Observation:	False

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 6.23
Sample Comment: ND - 12.6 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121781
Haz Release ID: 386469
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 348081
Feature Id: 0
Hazard Release Id: 386469
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2.22
Sample Comment: ND - 2.22 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120825
Haz Release ID: 386470
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 104-51-8
Substance Name: BUTYLBENZENE,n-
Substance Abbrev.: Not reported
Substance Alias ID: 316239
Sub Alias Name: BENZENE,BUTYL-
Substance Alias ID: 316240
Sub Alias Name: PHENYLBUTANE,1-
Sampling Result ID: 348082
Feature Id: 0
Hazard Release Id: 386470
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2740.00
Sample Comment: ND - 2740 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121069
Haz Release ID: 386471
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 135-98-8
Substance Name: BUTYLBENZENE,sec-
Substance Abbrev.: Not reported
Substance Alias ID: 317057
Sub Alias Name: BENZENE,sec-BUTYL-
Substance Alias ID: 317058
Sub Alias Name: METHYLPROPYL)BENZENE,(1-
Substance Alias ID: 317059
Sub Alias Name: PHENYLBUTANE,2-

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Sampling Result ID: 348083
Feature Id: 0
Hazard Release Id: 386471
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1430.00
Sample Comment: ND - 1430 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120781
Haz Release ID: 386472
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 100-41-4
Substance Name: ETHYLBENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316146
Sub Alias Name: ETHYLBENZOL
Substance Alias ID: 316147
Sub Alias Name: PHENYLETHANE
Sampling Result ID: 348084
Feature Id: 0
Hazard Release Id: 386472
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1050.00
Sample Comment: ND - 1050 ug/L
Last Update By: MENGLIS

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Update Date: 03/08/2005

Substance ID.: 121868
Haz Release ID: 386473
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 91-20-3
Substance Name: NAPHTHALENE
Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS
Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR
Sampling Result ID: 348086
Feature Id: 0
Hazard Release Id: 386473
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2920.00
Sample Comment: ND - 2920 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120819
Haz Release ID: 386474
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 103-65-1
Substance Name: PROPYLBENZENE,n-
Substance Abbrev.: Not reported
Substance Alias ID: 316223
Sub Alias Name: BENZENE,PROPYL-
Substance Alias ID: 316224

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Sub Alias Name: ISOCUMENE
Substance Alias ID: 316225
Sub Alias Name: PHENYLPROPANE,1-
Sampling Result ID: 348087
Feature Id: 0
Hazard Release Id: 386474
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2280.00
Sample Comment: ND - 2280 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120883
Haz Release ID: 386475
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 108-88-3
Substance Name: TOLUENE
Substance Abbrev.: Not reported
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316466
Sub Alias Name: BENZENE,METHYL-
Substance Alias ID: 316467
Sub Alias Name: METHACIDE
Substance Alias ID: 316468
Sub Alias Name: METHYLBENZENE
Substance Alias ID: 316469
Sub Alias Name: METHYLBENZOL
Substance Alias ID: 316470
Sub Alias Name: PHENYLMETHANE
Substance Alias ID: 316471
Sub Alias Name: TOLUOL
Sampling Result ID: 348088
Feature Id: 0
Hazard Release Id: 386475
Medium: 698
Substance Abbrev.: 0

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 115.00
Sample Comment: ND - 115 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121912
Haz Release ID: 386476
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 95-63-6
Substance Name: TRIMETHYLBENZENE,1,2,4-
Substance Abbrev.: Not reported
Substance Alias ID: 317959
Sub Alias Name: BENZENE,1,2,5-TRIMETHYL-
Substance Alias ID: 317960
Sub Alias Name: CUMENE,psi-
Substance Alias ID: 317961
Sub Alias Name: PSEUDOCUMENE
Substance Alias ID: 317962
Sub Alias Name: PSEUDOCUMOL
Substance Alias ID: 317963
Sub Alias Name: TRIMETHYLBENZENE,asym-
Sampling Result ID: 348089
Feature Id: 0
Hazard Release Id: 386476
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 19500.00
Sample Comment: ND - 19,500 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121956
Haz Release ID: 386477
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 99-87-6

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Substance Name: ISOPROPYLTOLUENE,p-
Substance Abbrev.: Not reported
Substance Alias ID: 318126
Sub Alias Name: BENZENE,1-ISOPROPYL-4-METHYL-
Substance Alias ID: 318127
Sub Alias Name: CUMENE,p-METHYL-
Substance Alias ID: 318128
Sub Alias Name: CYMENE
Substance Alias ID: 318129
Sub Alias Name: CYMENE,p-
Substance Alias ID: 318130
Sub Alias Name: CYMOL
Substance Alias ID: 318131
Sub Alias Name: DOLCYMENE
Substance Alias ID: 318132
Sub Alias Name: ISOPROPYL-1-METHYLBENZENE,4-
Substance Alias ID: 318133
Sub Alias Name: PARACYMENE
Sampling Result ID: 348085
Feature Id: 0
Hazard Release Id: 386477
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1500.00
Sample Comment: ND - 1500 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121904
Haz Release ID: 386478
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 95-47-6
Substance Name: XYLENE,o-
Substance Abbrev.: Not reported
Substance Alias ID: 317929
Sub Alias Name: DIMETHYLBENZENE,1,2-
Substance Alias ID: 317930
Sub Alias Name: XYLOL,o-
Sampling Result ID: 348091
Feature Id: 0
Hazard Release Id: 386478
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 494.00
Sample Comment: ND - 494 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121051
Haz Release ID: 386479
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 1330-20-7
Substance Name: XYLENEs
Substance Abbrev.: Not reported
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317017
Sub Alias Name: DIMETHYLBENZENEs
Substance Alias ID: 317018
Sub Alias Name: XYLOLs
Sampling Result ID: 348092
Feature Id: 0
Hazard Release Id: 386479
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 5310.00
Sample Comment: ND - 5310 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121608
Haz Release ID: 386480
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Substance Code: 71-43-2
Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL
Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE
Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Sampling Result ID: 348093
Feature Id: 0
Hazard Release Id: 386480
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 18.00
Sample Comment: ND - 18 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121689
Haz Release ID: 386481
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 75-00-3
Substance Name: CHLOROETHANE
Substance Abbrev.: Not reported
Substance Alias ID: 319316
Sub Alias Name: CHLORETHYL
Substance Alias ID: 319317
Sub Alias Name: CHLORIDUM
Substance Alias ID: 319318
Sub Alias Name: CHLORYL
Substance Alias ID: 319319

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Sub Alias Name: ETHER HYDROCHLORIC
Substance Alias ID: 319320
Sub Alias Name: ETHER MURIATIC
Substance Alias ID: 319321
Sub Alias Name: ETHYL CHLORIDE
Substance Alias ID: 319322
Sub Alias Name: HYDROCHLORIC ETHER
Substance Alias ID: 319323
Sub Alias Name: MONOCHLOROETHANE
Substance Alias ID: 319324
Sub Alias Name: MURIATIC ETHER
Sampling Result ID: 348094
Feature Id: 0
Hazard Release Id: 386481
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1.06
Sample Comment: ND - 1.06 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121124
Haz Release ID: 386482
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 156-59-2
Substance Name: DICHLOROETHYLENE,1,2-CIS-
Substance Abbrev.: Not reported
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317200
Sub Alias Name: ACETYLENE DICHLORIDE,CIS-
Substance Alias ID: 317201
Sub Alias Name: DICHLOROETHENE,CIS-
Substance Alias ID: 317202
Sub Alias Name: DICHLOROETHYLENE,CIS-
Substance Alias ID: 317203
Sub Alias Name: DICHLOROETHENE,1,2-CIS-
Sampling Result ID: 348095

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Feature Id: 0
Hazard Release Id: 386482
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 4.99
Sample Comment: ND - 4.99 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121588
Haz Release ID: 386483
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 67-66-3
Substance Name: CHLOROFORM
Substance Abbrev.: Not reported
Substance Category ID: 8510
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8510
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319118
Sub Alias Name: METHANE,TRICHLORO-
Substance Alias ID: 319119
Sub Alias Name: TRICHLOROFORM
Substance Alias ID: 319120
Sub Alias Name: TRICHLOROMETHANE
Sampling Result ID: 348096
Feature Id: 0
Hazard Release Id: 386483
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 4.91
Sample Comment: ND - 4.91 ug/L

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120878
Haz Release ID: 386484
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 108-67-8
Substance Name: TRIMETHYLBENZENE,1,3,5-
Substance Abbrev.: Not reported
Substance Alias ID: 316454
Sub Alias Name: BENZENE,1,3,5-TRIMETHYL-
Substance Alias ID: 316455
Sub Alias Name: MESITYLENE
Substance Alias ID: 316456
Sub Alias Name: TRIMENTHYLBENZENE,sym-
Substance Alias ID: 316457
Sub Alias Name: TRIMETHYLBENZOL
Sampling Result ID: 348090
Feature Id: 0
Hazard Release Id: 386484
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 5540.00
Sample Comment: ND - 5540 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Narrative:
NARR ID: 5746390
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 03/08/2005
Updated By: NGRAMLI
Updated Date: 07/06/2005
NARR Comments:Petroleum, trichloroethylene, perchloroethylene

NARR ID: 5746389
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 03/08/2005
Updated By: NSAWKA
Updated Date: 03/15/2006
NARR Comments:(3/8/05 MME/SAS) Site was referred to site assessment from UST section of DEQ (log #24-04-2104) after dry cleaning solvents were encountered in
groundwater.
(4/12/05 GB/ICP) ICP Intent to Participate received 4/11/05. Sit

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

e has been placed on the ICP waiting
list.
(7/6/05 NG) Site taken off ICP waiting list. Chlorinated solvents
are being assessed concurrently under LUST agreement (log
#24-04-2104).
(3/15/06 NS) A final report submitted to the LUST program in Janua
ry 2006. Based on the results of the report (no petroleum or
chlorinated solvent contamination found in the soil or groundwater
above applicable RBCs), the site was closed and a conditional (no
onsite groundwater uses allowed) NFA issued. Refer to the LUST files
for details on the site investigation, closure and NFA (USTC
#24-04-2104).

Administrative Action:

Admin ID:	730590	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/06/2005	Complete Date:	07/06/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2389	Cleanup Flag:	False
Created By:	NGRAMLI	Created Date:	07/06/2005
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to LUST Program		
Further Action:	0		
Comments:	Chlorinated VOCs investigated under LUST (log #24-04-2104).		

Admin ID:	732488	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/05/2006	Complete Date:	04/05/2006
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	644	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	06/20/2006
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Based on closure of LUST #24-04-2104		

Admin ID:	729972	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	03/08/2005	Complete Date:	03/08/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	03/08/2005
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	729973	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/08/2005	Complete Date:	03/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	632	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	03/08/2005
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Action: Site Screening recommended (EV)
Further Action: High
Comments: Not reported

Admin ID:	730142	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/12/2005	Complete Date:	07/06/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	04/12/2005
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: VCS Waiting List
Further Action: 0
Comments: ICP waiting list

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87 East 1/2-1 0.852 mi. 4501 ft.

TRACHSEL BUICK/GMC
660 LIBERTY ST NE
SALEM, OR 97301

LUST UST HSIS ECSI **U000433758 N/A**

Relative: Higher

Actual: 154 ft.

LUST:

Region:	Western Region
Facility ID:	24-91-4328
Cleanup Received Date:	10/17/1991
Cleanup Start Date:	09/20/1993
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	9084
Facility Telephone:	(503) 371-0122
Permittee Name:	T T DELON, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

HSIS:

Facility Id:	087135
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	441110
NAICS Desc 1:	NEW CAR DEALERS
NAICS Code 2:	811111
NAICS Desc 2:	GENERAL AUTOMOTIVE REPAIR
Manager Name:	LANCE DONOVAN
Business Phone:	5035811421
Mailing Address:	3787 RIVER RD N STE A
Mailing City,St,Zip:	SALEM, OR 97303
No. of Employees:	20
Day Phone:	5035811421
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No

TRACHSEL BUICK/GMC (Continued) **U000433758**

Emergency Contact: ENGELL PELLUMBI
Emergency Procedure: SERVICE OFFICE
Business Type: AUTOMOBILE DEALERSHIP

Facility:

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	METHYL ALCOHOL
United Nations/north America 4 Digit Class Number:	1230
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1230
Chemical Abstract Service Identifier Number:	67561
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

TRACHSEL BUICK/GMC (Continued) **U000433758**

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	No
Pesticide:	No
Contains 313:	Not reported

Facility Id:	087135
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04

TRACHSEL BUICK/GMC (Continued) **U000433758**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	1,1,1,2-TETRAFLUOROETHANE
United Nations/north America 4 Digit Class Number:	3159
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	3159
Chemical Abstract Service Identifier Number:	811972
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported

TRACHSEL BUICK/GMC (Continued) **U000433758**

Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

TRACHSEL BUICK/GMC (Continued) **U000433758**

Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

ECSI:

State ID Number:	1776	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	834	Further Action:	260
Lat/Long (dms):	44 56 46.70 / -123 2 7.10	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	03/03/2006

Hazardous Release:

Substance ID.:	121587
Haz Release ID:	380227
Qty Released:	unknown
Date Released:	Not reported

TRACHSEL BUICK/GMC (Continued) **U000433758**

Update Date: 04/12/1995
Update By: Not reported
Substance Code: 67-64-1
Substance Name: ACETONE
Substance Abbrev.: Not reported
Substance Alias ID: 319114
Sub Alias Name: DIMETHYL KETONE
Substance Alias ID: 319115
Sub Alias Name: KETOPROPANE,beta-
Substance Alias ID: 319116
Sub Alias Name: PROPANONE,2-
Substance Alias ID: 319117
Sub Alias Name: PYROACETIC ETHER
Sampling Result ID: 343805
Feature Id: Not reported
Hazard Release Id: 380227
Medium: 703
Substance Abbrev.: Not reported
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/01/1991
End Date: Not reported
Min Concentration: .00
Max Concentration: 3.50
Sample Comment: Not reported
Last Update By: acv
Update Date: 12/04/1995

Narrative:
NARR ID: 5735484
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:VOCs detected in soils after removal of hydraulic hoist. (ACV, 1995)

NARR ID: 5735485
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:DEQ LUST file 24-91-4328

NARR ID: 5735486
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:hydraulic oils and solvents

NARR ID: 5735487
NARR Code: Manner of Release

TRACHSEL BUICK/GMC (Continued) **U000433758**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: From hoist system - past practice.

NARR ID: 5735488
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: soils

NARR ID: 5735489
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Direct contact and groundwater are the pathways of concern.

Administrative Action:

Admin ID:	714084	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1995	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	714199	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1995	Complete Date:	12/04/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Federal Screening		

Admin ID:	714200	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/04/1995	Complete Date:	12/04/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

TRACHSEL BUICK/GMC (Continued) **U000433758**

Admin ID:	714328	Action ID:	9496
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/05/1995	Complete Date:	12/05/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Basic Preliminary Assessment recommended (PA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	702079	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/05/2001	Complete Date:	06/05/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	704394	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/05/2001	Complete Date:	06/05/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	133103
Operation Status:	Active
Common Name:	Car Dealer and repair
Yrs of Operation:	Not reported
Comments:	Not reported
Updated Date:	12/04/1995
Operations SIC Id:	196078
SIC Code:	7538
Created By:	Not reported
Created Date:	12/17/2002

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88 **CHARTER REALTY GROUP - PGE VAULT** **ECSI** **S108390968**
ESE **494 STATE ST.** **N/A**
1/2-1 **SALEM, OR 97301**
0.863 mi.
4557 ft.

Relative:
Higher

Actual:
157 ft.

ECSI:

State ID Number:	4732	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect

CHARTER REALTY GROUP - PGE VAULT (Continued) **S108390968**

FACA ID:	98573	Further Action:	258
Lat/Long (dms):	44 56 22.60 / -123 2 14.30	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	NWNE
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/15/2007

Hazardous Release:

Substance ID.:	121982
Haz Release ID:	386945
Qty Released:	Not reported
Date Released:	Oct 13 & 24, 2006
Update Date:	11/27/2006
Update By:	MENGLIS
Substance Code:	ECD169
Substance Name:	DIESEL - FUEL OIL
Substance Abbrev.:	Not reported
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Sampling Result ID:	348984
Feature Id:	0
Hazard Release Id:	386945
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	11/05/2006
End Date:	Not reported
Min Concentration:	3510.00
Max Concentration:	10800.00
Sample Comment:	3,510 - 10,800 ppm
Last Update By:	MENGLIS
Update Date:	11/27/2006

Substance ID.:	121990
Haz Release ID:	386946
Qty Released:	Not reported
Date Released:	Oct 13 & 24, 2006
Update Date:	11/27/2006
Update By:	MENGLIS
Substance Code:	ECD201
Substance Name:	HEATING - FUEL OIL
Substance Abbrev.:	Not reported
Substance Category ID:	8538

CHARTER REALTY GROUP - PGE VAULT (Continued) **S108390968**

Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8538
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 348985
Feature Id: 0
Hazard Release Id: 386946
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: 4920.00
Max Concentration: 7360.00
Sample Comment: 4,920 - 7,360 ppm heavy oil
Last Update By: MENGLIS
Update Date: 11/27/2006

Narrative:
NARR ID: 5748761
NARR Code: Contamination
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS
Updated Date: 11/27/2006
NARR Comments: Potential contamination of basement and adjacent utility vault with fuel oil.

NARR ID: 5748764
NARR Code: Data Sources
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS
Updated Date: 11/27/2006
NARR Comments: OERS 2006-2512, October 5, 2006

NARR ID: 5748762
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS
Updated Date: 11/27/2006
NARR Comments: diesel, heavy oil

NARR ID: 5748763
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS

CHARTER REALTY GROUP - PGE VAULT (Continued) **S108390968**

Updated Date: 11/27/2006
NARR Comments: (11/27/06 JWG/SAS) OERS 2006-2512 Oil contamination removed on approximately 10/5/06 and 11/5/06 with a residual remainaing in the basement and bault. The source of the oil is not confirmed or controlled. Based on evidence of pipe in the sitewalk, a heating oil tank may be located in the city street and the City of Salem is trying to locate it.

Administrative Action:

Admin ID:	733031	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/27/2006	Complete Date:	11/27/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	11/27/2006
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	733032	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/27/2006	Complete Date:	11/27/2006
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	11/27/2006
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Medium		
Comments:	Not reported		

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89 **OR HAZMAT** **S105523479**
ESE **280 CHURCH ST NE** **ECSI** **N/A**
1/2-1 **SALEM, OR 97301**
0.948 mi.
5006 ft.

Relative:
Higher

Actual:
161 ft.

HAZMAT:

Responsble Party:	STATESMAN JOURNAL
RP Company:	STATESMAN JOURNAL
RP Address:	280 CHURCH STREET NE
RP City,St,Zip:	SALEM, OR 97301
Facility ID:	910321
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported

(Continued) **S105523479**

Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	0005886245
Osfm Incident Report Number:	910321
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FM
Agency:	SALEM FD
Phone:	0005886245
Date Of Incident:	08/19/1991
Call Time:	8:32:00 PM
In Route:	12:00:00 AM
Arrival:	8:34:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	9:31:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	107150
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Structure
Area Type:	Commercial
Responsible Party(Ies):	STATESMAN JOURNAL
Company:	STATESMAN JOURNAL
Respcontact:	Not reported
Address:	280 CHURCH STREET NE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97301
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0

(Continued) **S105523479**

Total Loss: $0.00

Chemical:

Chemical Info:	6057
Chemical Id:	35430
Incident Id:	910321
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Method:

Method Used Id:	1528
Incident Id:	910321
Identity Method:	6

Method Used Id:	4754
Incident Id:	910321
Identity Method:	5

Released:

Release Behavior Id:	3915
Incident Id:	910321
Behavior:	4

Narrative:

Narrative Id:	3501
Incident Id:	910321
Incident Narrative:	ALL AGENCIES RESPONDED TO ON-GOING PROBLEM OF ODOR OF LEAKING GAS AT ABOVE ADDRESS. GAS ENTERED STRUCTURE & SANITARY SEWER. ER CREWS VENTILATED AND TURNED SCENE OVER TO GAS COMPANY CREWS TO LOCATE LEAK AND MAKE NECESSARY REPAIRS.
Incident Date:	8/19/1991

ECSI:

State ID Number:	725	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	5303	Further Action:	0

(Continued) **S105523479**

Lat/Long (dms):	44 56 28.00 / -123 2 3.80	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	06/12/2007

Hazardous Release:

Substance ID.:	121983
Haz Release ID:	385378
Qty Released:	Unknown
Date Released:	Sept. 1988
Update Date:	11/16/1988
Update By:	Not reported
Substance Code:	ECD173
Substance Name:	GASOLINE
Substance Abbrev.:	Not reported
Substance Category ID:	8530
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8530
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Comment ID:	304464
Release Code:	Data Sources
Release Comments:	WVR - Cheryll Woods
Sampling Result ID:	346604
Feature Id:	Not reported
Hazard Release Id:	385378
Medium:	698
Substance Abbrev.:	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
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	Unknown
Last Update By:	CONV
Update Date:	09/13/1994
Sampling Result ID:	346605
Feature Id:	Not reported
Hazard Release Id:	385378
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	Not reported
Observation:	False
Owner Operator:	False
Lab Data:	False

(Continued) **S105523479**

Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: CONV
Update Date: 09/13/1994

Narrative:

NARR ID: 5726223
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 06/02/2003
NARR Comments: (9/20/00 BTM/SAS) Improper operation of hyraulic oil re-circulation system in freight elevator resulted in release, which was discovered as oil sheen on Willamette River. Occurred 1/18/00. Release of (reportedly) a maximum of 20 gallons in freight elevator shaft. Oil migrated from shaft to basement dewatering sump to City of Salem storm drain system to river.

NARR ID: 5726224
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: hydraulic oil

NARR ID: 5726225
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 06/02/2003
NARR Comments: Abandoned tank on property; time of release: Sept. 1988. (9/20/00 BTM/SAS) January 2000 release of (reportedly) a maximum of 20 gallons of hydraulic oil from freight elevator. Migrated from elevator shaft drain to basement dewatering sump to City storm drain system to Willamette River (approximately 0.5 miles northwest of site).

NARR ID: 5726226
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: surface water

NARR ID: 5726227
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: The release was reportedly limited to the concrete dewatering sump

(Continued) **S105523479**

and storm drain system as it migrated to the Willamette River. Sheen was observed in the river. Due to the low levels detected in the sump, and subsequent cleaning, other exposure pathways (i.e., groundwater, direct contact, and air) are not a concern in regard to on-site workers.

NARR ID: 5726228
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 06/02/2003
NARR Comments: Site is on the LUST Cleanup List, log #24-88-4035 and #24-96-4179. (9/25/00 BTM/SAS) At time of freight elevator hydraulic oil spill (1/18/00), response included removal of some product from near-site city storm drain lines, and from on-site elevator shaft and dewatering sump. On 8/7/00, the sump and near-site storm drain lines were power-washed, removing 1,800 gallons of water with sediment for off-site disposal.

Administrative Action:

Admin ID:	704991	Action ID:	9426
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/19/2000	Complete Date:	09/28/2000
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV2	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE PRIORITY EVALUATION FOR FURTHER ACTION		
Further Action:	0		
Comments:	Evaluation of January 2000 hydraulic oil spill only. The remainder of the site remains under Tanks Program oversight.		

Admin ID:	718538	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/16/1988	Complete Date:	Not reported
Substance Code:	LUS	Rank Value:	0
Employee Id:	183	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	710013	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/1996	Complete Date:	01/11/1996
Substance Code:	LUS	Rank Value:	Not reported
Employee Id:	92	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to LUST Program		
Further Action:	0		
Comments:	LUST log #24-96-4179 and 24-88-4035.		

(Continued) **S105523479**

Admin ID:	720441	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	714776	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/1996	Complete Date:	01/11/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	State. Handled in LUST.		

Admin ID:	714779	Action ID:	9427
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/1996	Complete Date:	01/11/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EXCL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Excluded from confirmed release definition		
Further Action:	Not reported		
Comments:	handled in LUST		

Admin ID:	715754	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/21/1988	Complete Date:	Not reported
Substance Code:	LUS	Rank Value:	0
Employee Id:	183	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to LUST Program		
Further Action:	Not reported		
Comments:	(LUST SI, log #24-88-4035)		

Operations:

Operation Id:	132026
Operation Status:	Active
Common Name:	Statesman Journal
Yrs of Operation:	Not reported
Comments:	Newspaper
Updated Date:	05/14/2002

90 SE 1/2-1 0.964 mi. 5091 ft.	**DELYNNS CLEANERS 198 CHURCH ST SE SALEM, OR 97301**	**RCRA-CESQG FINDS DRYCLEANERS ECSI**	**1004770862 ORD987196888**

Relative:
Higher

Actual:
159 ft.

RCRA-CESQG:

Date form received by agency:	01/23/1997
Facility name:	DELYNNS CLEANERS
Facility address:	198 CHURCH ST SE SALEM, OR 97301
EPA ID:	ORD987196888
Mailing address:	198 CHURCH STREET SE SALEM, OR 97301
Contact:	DELYNN COOK
Contact address:	198 CHURCH STREET SE SALEM, OR 97301
Contact country:	US
Contact telephone:	(503) 363-4242
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	DELYNNS CLEANERS
Owner/operator address:	1593 JORDAN DR. S. SALEM, OR 97302
Owner/operator country:	US
Owner/operator telephone:	(503) 581-4255
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/23/1997
Owner/Op end date:	Not reported

Owner/operator name:	DELYNNS CLEANERS
Owner/operator address:	1593 JORDAN DR. S. SALEM, OR 97302
Owner/operator country:	US
Owner/operator telephone:	(503) 581-4255
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/19/1992
Owner/Op end date:	Not reported

DELYNNS CLEANERS (Continued) **1004770862**

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/20/1996
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/1995
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/16/1994
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/23/1993
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: NA
Waste name: NA

Violation Status: No violations found

FINDS:

Registry ID: 110004805328

Environmental Interest/Information System

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.

DELYNNS CLEANERS (Continued) **1004770862**

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

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

DRYCLEANERS:

Dry Cleaner ID:	165
Phone ID:	503 362-4242
Current Status:	Closed
Last Update:	Not reported
DEQID:	ORD987196888
Latitude:	44.9383645
Longitude:	-123.03573

ECSI:

State ID Number:	1868	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	40410	Further Action:	258
Lat/Long (dms):	44 56 18.20 / -123 2 8.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	3300	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	09/18/2007
Alias Name:	Willamette University		

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	386206
Qty Released:	unk.
Date Released:	2001 - 2003
Update Date:	03/02/2011
Update By:	GWISTAR
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519

DELYNNS CLEANERS (Continued) **1004770862**

Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 347672
Feature Id: 0
Hazard Release Id: 386206
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 02/03/2001
End Date: 12/01/2003
Min Concentration: 2.20
Max Concentration: 9.80
Sample Comment: Not reported
Last Update By: MCAMARA
Update Date: 04/06/2005

Substance ID.: 121781
Haz Release ID: 387776
Qty Released: unk.
Date Released: 2001 - 2003
Update Date: 03/02/2011
Update By: GWISTAR
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study

DELYNNS CLEANERS (Continued) **1004770862**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

Narrative:
NARR ID: 5735936
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 01/21/2004
NARR Comments: Groundwater beneath the First State Bank property (west of the Delynn site) contains PCE, TCE, and DCE. Contamination has not been confirmed at the Delynn site; however, based on existing data, Delynn's Cleaners is a site with suspected contamination. (1/21/04 SAS/M2C) City of Salem found low level solvent contamination in the manhole at the intersection of Ferry St. and Church St.

NARR ID: 5735937
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 01/16/2004
NARR Comments: First State Bank Groundwater Monitoring Report (1994). DEQ's LUST Program file #24-91-4359.

NARR ID: 5735938
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: unknown

NARR ID: 5735939
NARR Code: Media Contamination
Created By: Not reported

DELYNNS CLEANERS (Continued) **1004770862**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Local groundwater contamination was detected. Soil contamination is unknown, but likely. Surface water contamination is unknown.

NARR ID: 5735940
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 01/21/2004
NARR Comments: Dry cleaning site in west Salem, Marion County, within the Willamette River Valley. Willamette River is 0.5 miles west-northwest of site. Pringle Creek is .24 miles of the site. Elevation is 155 feet above MSL and topography is flat. Delynn's Cleaners shares a building with a restaurant and offices. The site is surrounded by a church to the north a bank, theater, offices, restaurant and other commercial businesses to the west, Ferry Street to the south, and Cottage Street to the east. It is not known how long the site has operated as a dry cleaner. The groundwater pathway has been affected, but it is not known if other pathways are affected.

NARR ID: 5735941
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 04/06/2005
NARR Comments: No known investigations or remedial actions have been performed at the site. This site is suspected of being contaminated, and the next step is to investigate. (1/21/04 SAS/M2C)The site has been refered to the Dry Cleaner Program. The site was SAPs scored as a medium for additional work. (2/24/04 SAS/M2C) The current property owner is Willamette University. The property was puchased in January 2003 from Delynn Cook. Delynn Cook hired a consultant to a limited Phase II. In 1998 - 1999, soil samples were collected underneath the UST out side of the building and underneath the cleaning fluid tank inside the building. No solvents were found in the soil samples. In 2001, a shallow monitoring well was installed west of the building. Samples were collected from February 2001 through December 2003. Concentrations ranged from 2.1 to 9.8 ppb. (Another sample collected by Jim Gangler was 189 ppb. This may have been collected from a baker tank according to the
consultant.) The 189 was from a sample taken by Jim Gangler

NARR ID: 5744506
NARR Code: Water Use (Current/Reasonably Likely)
Created By: MCAMARA
Created Date: 01/21/2004
Updated By: MCAMARA
Updated Date: 01/21/2004
NARR Comments: (1/21/04 SAS/M2C) Area is provide with City water. One domestic well was identified upgradient of the site.

Administrative Action:

Admin ID:	710022	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region

DELYNNS CLEANERS (Continued) **1004770862**

Start Date:	05/23/1996	Complete Date:	05/23/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	538	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Medium		
Comments:	Recommend XPA. Options letter sent to Delynn's Cleaners 05281996. Medium priority.		

Admin ID:	712659	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/22/1996	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	538	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	712662	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/23/1996	Complete Date:	05/23/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	538	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Recommend XPA. Options letter sent to Delynn's Cleaners 05281996. Medium priority.		

91
ENE
1/2-1
0.983 mi.
5189 ft.

MARION COUNTY PAVING MATERIAL PLANT (FORMER) **VCP** **S106044960**
1300 FRONT ST. NE **ECSI** **N/A**
SALEM, OR 97301

Relative:
Higher

Actual:
153 ft.

VCS:

ECS Site ID:	3288
CRL:	NFA
Facility Size:	Not reported
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	07/13/2006
End Date:	07/13/2006
Project Manager Name:	Norman Read
Program:	ICP

ECSI:

State ID Number:	3288	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	44348	Further Action:	0

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Lat/Long (dms):	44 57 11.90 / -123 2 8.20	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	73W22AB00900	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	05/09/2007
Alias Name:	Truitt Bros.		

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	386740
Qty Released:	Not reported
Date Released:	Not reported
Update Date:	12/30/2005
Update By:	TDANOVI
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917
Sub Alias Name:	TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID:	316918
Sub Alias Name:	TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID:	348513
Feature Id:	0
Hazard Release Id:	386740
Medium:	698

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: 32 ft.
Start Date: 03/11/2005
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 49.00
Sample Comment: Not reported
Last Update By: TDANOVI
Update Date: 12/30/2005

Substance ID.: 121982
Haz Release ID: 379117
Qty Released: Not reported
Date Released: Not reported
Update Date: 06/03/2002
Update By: Not reported
Substance Code: ECD169
Substance Name: DIESEL - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 339001
Feature Id: Not reported
Hazard Release Id: 379117
Medium: 703
Substance Abbrev.: Not reported
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5 - 12 feet
Start Date: 02/08/2002
End Date: 02/08/2002
Min Concentration: 305.00
Max Concentration: 13200.00
Sample Comment: ND - 13,200 ppm
Last Update By: mme
Update Date: 03/06/2002

Substance ID.: 121996
Haz Release ID: 379118
Qty Released: Not reported
Date Released: Not reported
Update Date: 06/03/2002
Update By: Not reported

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Substance Code: ECD228
Substance Name: PETROLEUM HYDROCARBONS
Substance Abbrev.: Not reported
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 339002
Feature Id: Not reported
Hazard Release Id: 379118
Medium: 703
Substance Abbrev.: Not reported
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5 - 12 ft
Start Date: 02/08/2002
End Date: 02/08/2002
Min Concentration: 373.00
Max Concentration: 13500.00
Sample Comment: ND - 13,500 ppm
Last Update By: mme
Update Date: 03/06/2002

Narrative:
NARR ID: 5743911
NARR Code: Site Contacts
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: The main contact for this site is Mr. David Truitt, Property Owner, at Truitt Brothers Inc., 1105 Front St. NE, Salem, OR.
The consultant contact was initially Kent Meisel of LPG Associates , Inc. 537 SE Ash St., #12, Portland, OR.
The current consultant contact is Andrew Harvey of PBS Engineering and Environmental, 4412 SW Corbett, Portland, OR 97201.

NARR ID: 5742214
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/09/2006
NARR Comments: Property owner Truitt Bros. completed an Expanded Phase 1 Environmental Site Assessment at the site in December 2001. This investigation identified as environmental concerns three fuel oil tanks and an adjacent asphalt plant formerly located on the property. Geoprobe sampling was completed in February 2002 for the soils. In

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

November 2004 and March 2005, additional geoprobe sampling was conducted to obtain groundwater samples.

NARR ID: 5746969
NARR Code: Disposals
Created By: TDANOVI
Created Date: 08/08/2005
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: In June 2005 approximately 657 cy of petroleum hydrocarbon contaminated soils were removed and transported to Riverbend Landfill in McMinnville, OR.

NARR ID: 5743912
NARR Code: Data Sources
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: TDANOVI
Updated Date: 08/09/2005
NARR Comments: The main reports submitted to the DEQ include Independent Cleanup Pathway Report of the Marion County Paving Material Plant Site, 1300 Block - Front Street NE, Salem, Oregon dated July 2, 2002; Environmental Site Assessment dated December 2004; and Site Remediation Report dated July 2005.

NARR ID: 5743095
NARR Code: General Site Description
Created By: TDANOVI
Created Date: 03/07/2003
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: Area is a paved driveway and yard currently used to store pallets and miscellaneous food processing equipment; the site is secured by fencing.
The section of the Willamette River near the site is designated as essential salmonid habitat by the Oregon Division of State Lands.

NARR ID: 5742215
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: Diesel and heavy oil contamination in soil. Total petroleum hydrocarbon levels at a maximum of 26,700 mg/kg. Polynuclear aromatic hydrocarbon (PAH) compounds were also present in the soils. In addition, in November 2004, geoprobe groundwater samples showed the presence of volatile organics, specifically perchloroethene (PCE), ranging from 14-30 ug/l, in shallow groundwater on-site. In March 2005, additional geoprobe groundwater samples were obtained and the data confirm the presence of PCE, which ranged up to 49 ug/l PCE.

NARR ID: 5746972
NARR Code: Project Issues Summary
Created By: TDANOVI
Created Date: 08/09/2005
Updated By: GWISTAR

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Updated Date: 08/09/2006
NARR Comments: The current project issues are about diesel and heavy oil contamination of the soil and solvent (percholoethane) contamination in groundwater. DEQ reviewed the July 2005 report.

NARR ID: 5743913
NARR Code: Land Use (Current/Reasonably Likely)
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: GWISTAR
Updated Date: 07/23/2003
NARR Comments: The land use is currently commercial; however, the site is used for industrial purposes. There are condominiums to the north of the site; however, and since the Truitt Bros. property is adjacent to the Willamette River, it is possible that at some time in the future this site could become residential. Also the commercial land use designation typically allows the use (or conditional use) of the site for a day care center.

NARR ID: 5746973
NARR Code: Site Location
Created By: TDANOVI
Created Date: 08/09/2005
Updated By: TDANOVI
Updated Date: 08/10/2005
NARR Comments: The Truitt Brothers property is located at 1105 Front St. NE in Salem, OR. The former Marion County Paving Material Plant was located near the 1300 block of Front St. The site is about 150 feet from the Willamette River.

NARR ID: 5742216
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: TDANOVI
Updated Date: 12/30/2005
NARR Comments: Soil contamination appears to be from 3 former above-ground storage tanks, and an area nearby/along a former railroad spur. It is suspected that the release occurred when the land was owned by Marion County paving material (asphalt) plant. A report indicates that the plant was in operation between about 1920 to the mid 1940's. Facilities relating to the paving material plant have been absent from the site since the late 1940's. It is suspected that the release occurred some time betweeen 1920 and the late 1940's due to spillage of raw or processed materials during loading or unloading of the railroad and/or leaks from the tanks themselves. The source of the solvent release is unknown.

NARR ID: 5743915
NARR Code: Media Contamination
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: GWISTAR
Updated Date: 08/03/2006
NARR Comments: Soil contamination has been documented by laboratory reports. The maximum values are: 26,700 mg/kg total petroleum hydrocarbons, 0.17 mg/kg acenaphthene, 0.131 mg/kg benzo(a)anthracene, 0.269 mg/kg

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

chrysene, 0.127 mg/kg fluoranthene, 1.05 mg/kg fluorene, and 0.42 mg/kg pyrene. The groundwater was assessed with samples obtained from geoprobes. No petroleum hydrocarbon contamination was detected; however, volatile organics, specifically perchloroethene (PCE), is present in shallow groundwater at the site, ranging from non-detect to 49 ug/l.

NARR ID: 5742217
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: While Oregon Department of Water Resources records show a community well approximately 3/4 mile from the site, the well is located opposite the Willamette River from the site, and therefore should not be affected. The discharge of groundwater from this site to the Willamette River is a pathway of potential concern, as well as groundwater to indoor air of the condos to the north.

NARR ID: 5742218
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/09/2006
NARR Comments: Site owners decided to excavate and remove soil contaminants. In June 2005 approximately 657 cy of soil were removed and transported to Riverbend Landfill in McMinnville, OR. A final report was prepared and received by DEQ in August 2005. It was reviewed, and DEQ met with Truitt in December 2005 to discuss concerns that need to be addressed prior to issuing a no further action letter.

NARR ID: 5746978
NARR Code: Water Use (Current/Reasonably Likely)
Created By: TDANOVI
Created Date: 08/10/2005
Updated By: TDANOVI
Updated Date: 12/30/2005
NARR Comments: The nearby Willamette River is protected for Public and Private Domestic Water Supply (with treatment), Industrial Water Supply, Irrigation and Livestock Watering, Anadromous Fish Passage and Salmonid Fish Rearing and Spawning, Resident Fish and Aquatic Life, Wildlife and Hunting, Fishing, and Boating, Water Contact Recreation and Aesthetic Quality, and Commercial Navigation and Transportation. Groundwater flow from the Yellow Cab site a few streets distance show the flow is towards the Willamette River and also northward. Nearby the site is residential and comercial and some well water is used for irrigation.

NARR ID: 5743914
NARR Code: Site History
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: TDANOVI
Updated Date: 08/09/2005
NARR Comments: Information on this site regarding property transactions dates to

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

1868. Historical information indicates that food processing plant facilities were first developed to the south of this site in 1917, and food processing is the current use of the site. A 1926 Sanborn map shows that the Marion County Paving Material Plant existed on this site in 1926; it included three above ground fuel oil storage tanks, five buildings and one rail line. The 1950 Sanborn map shows this site as vacant, except for the rail spur. Therefore, it is assumed that the Marion County Paving Material Plant was in operation between about the 1920's through the late 1940's. In the 1950's Consolidated Foods owned the site and in 1973 the property was bought by the Truitt Brothers.

Administrative Action:

Admin ID:	726529	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/13/2003	Complete Date:	06/13/2003
Substance Code:	vcp	Rank Value:	Not reported
Employee Id:	1921	Cleanup Flag:	False
Created By:	TDANOVI	Created Date:	06/13/2003
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	0		
Comments:	Not reported		

Admin ID:	726530	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/02/2002	Complete Date:	12/13/2002
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	1921	Cleanup Flag:	False
Created By:	TDANOVI	Created Date:	06/13/2003
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	726531	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/13/2002	Complete Date:	12/13/2002
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	1921	Cleanup Flag:	False
Created By:	TDANOVI	Created Date:	06/13/2003
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	726935	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/28/2003	Complete Date:	07/28/2003
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	07/28/2003
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Further Action: 0
Comments: Not reported

Admin ID:	727162	Action ID:	9448
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/27/2003	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/03/2003
Action Code:	NRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Review for final listing		
Further Action:	0		
Comments:	Not reported		

Admin ID:	733310	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/13/2006	Complete Date:	07/13/2006
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	612	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	01/22/2007
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728923	Action ID:	9451
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/27/2003	Complete Date:	08/27/2003
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	08/23/2004
Action Code:	OOCL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Owner/operator comments received on listing notification		
Further Action:	0		
Comments:	Not reported		

Admin ID:	703246	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/06/2002	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	2202	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703249	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/06/2002	Complete Date:	Not reported
Substance Code:	ICP	Rank Value:	0
Employee Id:	1872	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Report submitted and reviewed; additional information requested		

Count: 24 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SALEM	S110510041	HARILL LLC PROPERTY	1065 NE 13TH ST	97301	LUST
SALEM	1006857350	SALEM AIRPORT CRASH FIRE TRAINING	25TH ST	97301	FINDS, ECSI
SALEM	1011954260	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	FINDS
SALEM	S112198886	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	VCP, ECSI
SALEM	S111834539	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	ECSI
SALEM	S111834538	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	ECSI
SALEM	S112058301	ORCHARD RIDGE - LINBECK PROPERTY	1400 BLOCK OF ORCHARD HTS	97304	NPDES
SALEM	1006854740	SALEM RIVERFRONT PARK PROJECT	CHEMEKETA AND WATER STS	97301	FINDS, OR CRL, ENG CONTROLS, INST CONTROL, VCP, BROWNFIELD ECSI
SALEM	S111005959	PICTSWEET PROPERTIES (FORMER)	CORDON ROAD AND STATE ST		VCP, ECSI
SALEM	1014829709	NW PROPERTY MANAGEMENT DBA JOHN L	124 CORNUCOPIA NW	97302	FINDS
SALEM	1004770750	CAPITAL MANOR INC	1955 DALLAS HWY NW	97304	RCRA-CESQG, FINDS
SALEM	S105613948	SALEM LANDFILL	FARAGATE ST NEAR RIVER RD S	97301	ECSI
SALEM	1006868950	TAGGESELL PROPERTY	615 HIGH ST	97301	FINDS
SALEM	S109843458	KINNS, JIM	572 NW KINGWOOD DR	97304	LUST
SALEM	S108572120	SLAGLE PROPERTY	420 S LORIDA AVE	97302	LUST
SALEM	S110646999	FRED PATTERSON	MOBILE SOURCE WR	97301	NPDES
SALEM	S112058062	LINDBECK FARM (FORMER)	ORCHARD HEIGHTS RD NW	97304	VCP, ECSI
SALEM	S111429891	HEATING OIL TANK	1385 NW OVERLOOK AVE	97304	LUST
SALEM	S111247358	BPA	3105 NW SALEM DALLAS HWY	97304	AST, HSIS
SALEM	S111248892	DERMAC LABS INC	2485 SALEM HWY NW	97304	AST, HSIS
SALEM	1006864589	SALEM AIRPORT DISPOSAL SITE	SEC 1	97301	FINDS, SWF/LF, Financial Assurance
SALEM	S111210373	JLPN INC	5590 STATE ST SE	97301	AST, HSIS
SALEM	S111256752	VERIZON BUSINESS	6140 STATE ST	97301	AST, HSIS
SALEM	1006851209	STATE PROPERTY HOT	770 WINTER ST	97301	FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/09/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

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

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

CRL: Confirmed Release List and Inventory
All facilities with a confirmed release.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System
Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

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

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: 08/28/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 44

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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

Date of Government Version: 07/01/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 09/10/2012
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
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: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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: 10/22/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: DEQ
Telephone: 503-229-5256
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects
Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6801
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

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

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

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

SWRCY: Recycling Facility Location Listing
A listing of recycling facility locations.

Date of Government Version: 09/04/2012
Date Data Arrived at EDR: 09/05/2012
Date Made Active in Reports: 10/01/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5353
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

AOC COL: Columbia Slough
Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/16/2006
Number of Days to Update: 30

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
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: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 11/09/2012
Date Data Arrived at EDR: 11/15/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 53

Source: Department of Consumer & Business Services
Telephone: 503-378-4133
Last EDR Contact: 11/13/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

CDL 2: Clandestine Drug Lab Site Listing
A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Oregon State Police
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

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

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

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

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

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

SPILLS: Spill Data
Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 09/30/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Semi-Annually

Other Ascertainable Records

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

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

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

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

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

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

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: 10/02/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 09/26/2011
Date Made Active in Reports: 11/10/2011
Number of Days to Update: 45

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaning Facilities
A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 02/06/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6783
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

NPDES: Wastewater Permits Database
A listing of permitted wastewater facilities.

Date of Government Version: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/07/2012
Number of Days to Update: 58

Source: Department of Environmental Quality
Telephone: 503-229-5657
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

AIRS: Oregon Title V Facility Listing
A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/06/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 503-229-6459
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
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: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/28/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 503-229-5521
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites Listing
A listing of coal ash disposal sites.

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 541-298-7255
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information for hazardous waste facilities.

Date of Government Version: 08/10/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 541-633-2011
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 2003 & 2011 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

7TH AND PATTERSON PROPERTY
859 7TH ST NW
SALEM, OR 97304

TARGET PROPERTY COORDINATES

Latitude (North):	44.9477 - 44˚ 56’ 51.72’’
Longitude (West):	123.0553 - 123˚ 3’ 19.08’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	495637.4
UTM Y (Meters):	4976925.0
Elevation:	149 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

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 principal 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).

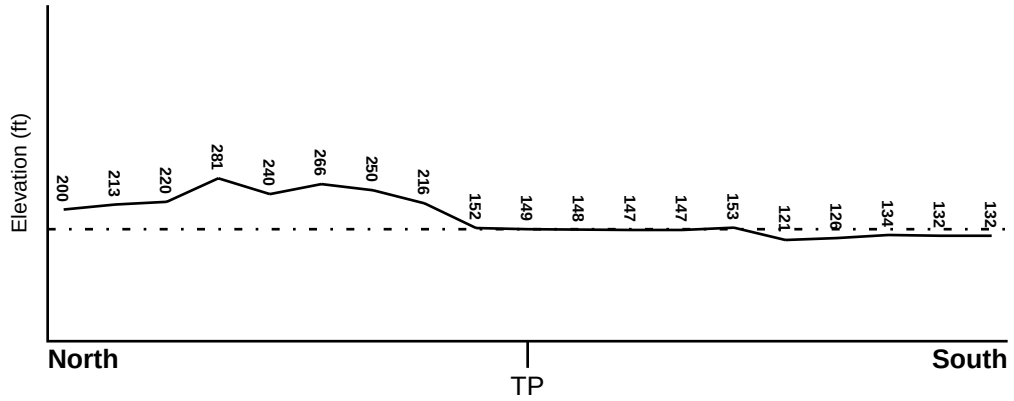
TOPOGRAPHIC INFORMATION

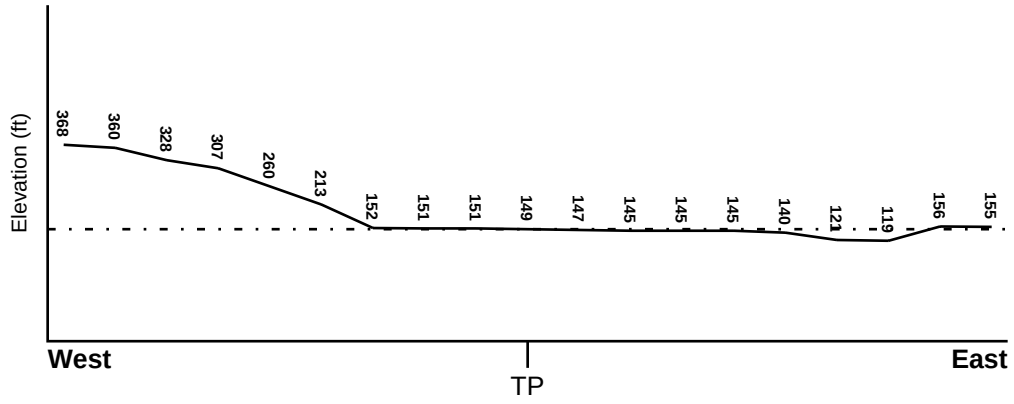
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 149 ft.

0 1/2 1 Miles

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
POLK, OR	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 41047C - FEMA DFIRM Flood data

Additional Panels in search area: 41053C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SALEM WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

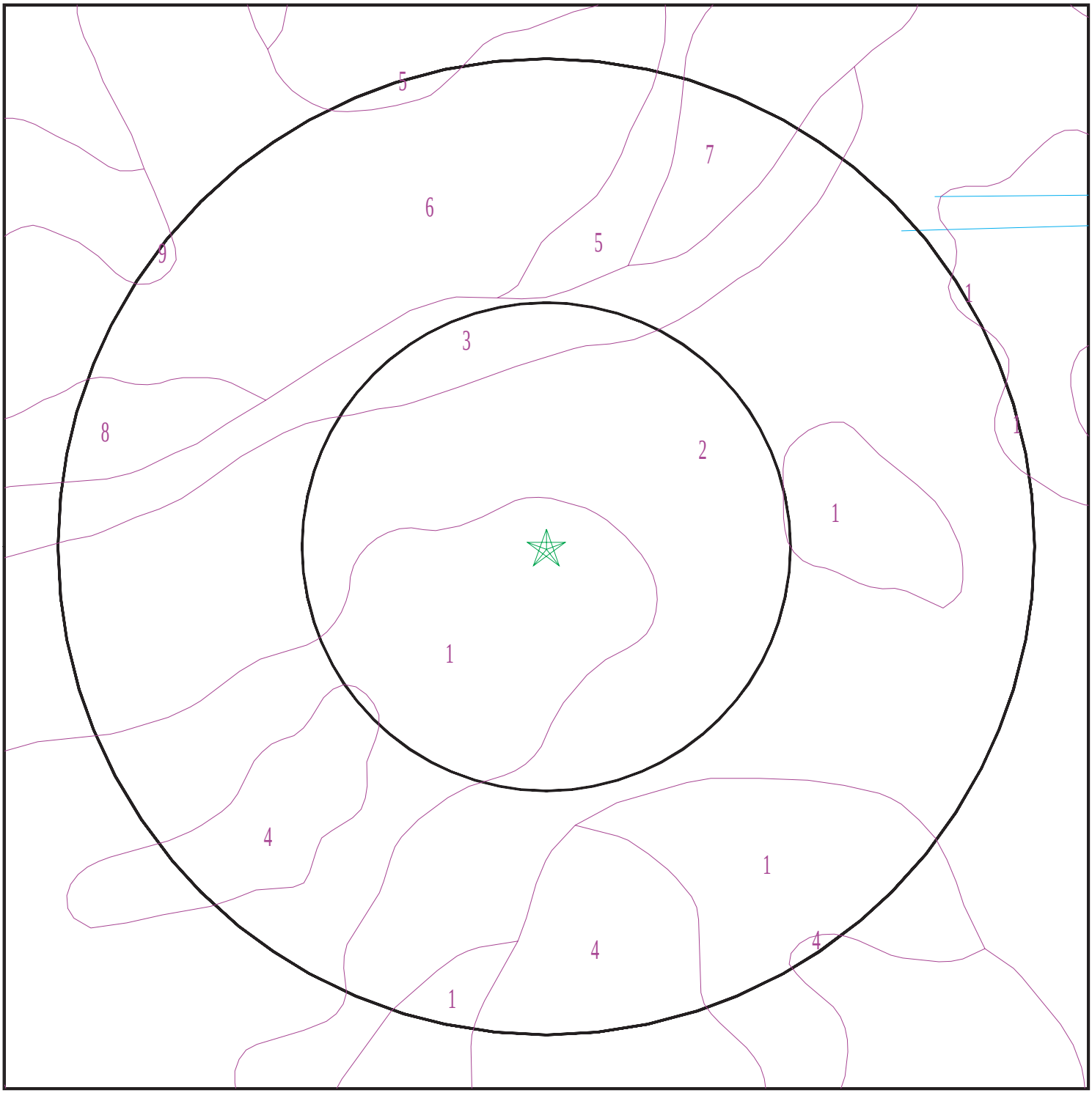
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 3489054.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: 7th and Patterson Property ADDRESS: 859 7th St NW Salem OR 97304 LAT/LONG: 44.9477 / 123.0553	CLIENT: Ecology and Environment CONTACT: Derek Pulvino INQUIRY #: 3489054.2s DATE: January 07, 2013 3:31 pm

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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: Coburg

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	14 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 2

Soil Component Name: Cove

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
2	7 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1

Soil Map ID: 3

Soil Component Name: Ritner

Soil Surface Texture: unweathered bedrock

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 97 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	37 inches	42 inches	unweathered bedrock	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
2	0 inches	14 inches	gravelly silty clay loam	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
3	14 inches	25 inches	very cobbly silty clay	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
4	25 inches	37 inches	extremely cobbly silty clay	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1

Soil Map ID: 4

Soil Component Name: Malabon

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
2	14 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1

Soil Map ID: 5

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 6

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 7

Soil Component Name: Helvetia

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.1
2	14 inches	61 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.1

Soil Map ID: 8

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 9

Soil Component Name: Nekia

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 64 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G32	USGS3254434	1/4 - 1/2 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

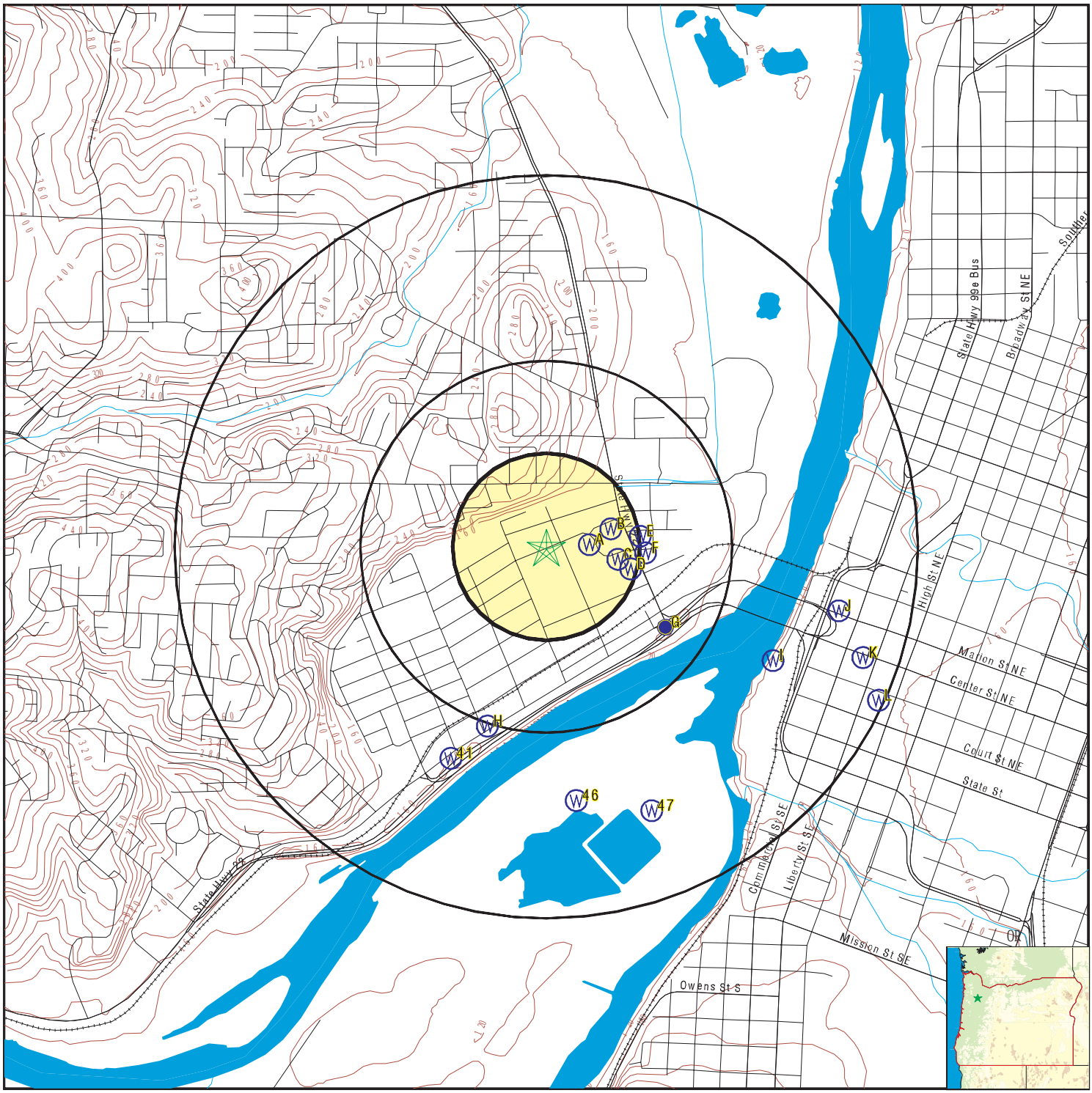
STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	ORI400000008538	0 - 1/8 Mile East
A2	ORI400000008539	1/8 - 1/4 Mile East
B3	ORI400000008547	1/8 - 1/4 Mile ENE
C4	ORI400000008530	1/8 - 1/4 Mile East
C5	ORI400000008514	1/8 - 1/4 Mile ESE
C6	ORI400000008515	1/8 - 1/4 Mile ESE
B7	ORI400000008546	1/8 - 1/4 Mile ENE
B8	ORI400000008536	1/8 - 1/4 Mile East
C9	ORI400000008520	1/8 - 1/4 Mile ESE
C10	ORI400000008521	1/8 - 1/4 Mile ESE
B11	ORI400000008543	1/8 - 1/4 Mile ENE
C12	ORI400000008525	1/8 - 1/4 Mile East
C13	ORI400000008516	1/8 - 1/4 Mile ESE
B14	ORI400000008552	1/8 - 1/4 Mile ENE
C15	ORI400000008528	1/8 - 1/4 Mile East
C16	ORI400000008529	1/8 - 1/4 Mile East
C17	ORI400000008527	1/8 - 1/4 Mile East
C18	ORI400000008518	1/8 - 1/4 Mile ESE
C19	ORI400000008526	1/8 - 1/4 Mile East
D20	ORI400000008508	1/8 - 1/4 Mile ESE
D21	ORI400000008519	1/8 - 1/4 Mile East
D22	ORI400000008522	1/8 - 1/4 Mile East
E23	ORI400000008548	1/8 - 1/4 Mile ENE
F24	ORI400000008531	1/4 - 1/2 Mile East
E25	ORI400000008540	1/4 - 1/2 Mile East
F26	ORI400000008523	1/4 - 1/2 Mile East
F27	ORI400000008524	1/4 - 1/2 Mile East
E28	ORI400000008537	1/4 - 1/2 Mile East
F29	ORI400000008533	1/4 - 1/2 Mile East
F30	ORI400000008534	1/4 - 1/2 Mile East
G31	ORW400000006083	1/4 - 1/2 Mile SE
H33	ORI400000008416	1/4 - 1/2 Mile SSW
H34	ORI400000008415	1/2 - 1 Mile SSW
H35	ORI400000008414	1/2 - 1 Mile SSW
H36	ORI400000008413	1/2 - 1 Mile SSW
H37	ORI400000008411	1/2 - 1 Mile SSW
H38	ORI400000008409	1/2 - 1 Mile SSW
H39	ORI400000008407	1/2 - 1 Mile SSW
H40	ORI400000008408	1/2 - 1 Mile SSW
41	ORI400000008388	1/2 - 1 Mile SSW
I42	ORI400000008478	1/2 - 1 Mile ESE
I43	ORI400000008479	1/2 - 1 Mile ESE
I44	ORI400000008480	1/2 - 1 Mile ESE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I45	ORI400000008477	1/2 - 1 Mile ESE
46	ORW400000006024	1/2 - 1 Mile South
47	ORW400000006021	1/2 - 1 Mile SSE
J48	ORI400000008503	1/2 - 1 Mile ESE
J49	ORI400000008504	1/2 - 1 Mile ESE
K50	ORI400000008486	1/2 - 1 Mile ESE
K51	ORI400000008482	1/2 - 1 Mile ESE
K52	ORI400000008483	1/2 - 1 Mile ESE
K53	ORI400000008485	1/2 - 1 Mile ESE
K54	ORI400000008476	1/2 - 1 Mile ESE
L55	ORI400000008462	1/2 - 1 Mile ESE
L56	ORI400000008463	1/2 - 1 Mile ESE
L57	ORI400000008456	1/2 - 1 Mile ESE
L58	ORI400000008457	1/2 - 1 Mile ESE
L59	ORI400000008459	1/2 - 1 Mile ESE
L60	ORI400000008460	1/2 - 1 Mile ESE
L61	ORI400000008446	1/2 - 1 Mile ESE
L62	ORI400000008447	1/2 - 1 Mile ESE
L63	ORI400000008453	1/2 - 1 Mile ESE
L64	ORI400000008454	1/2 - 1 Mile ESE
L65	ORI400000008449	1/2 - 1 Mile ESE
L66	ORI400000008448	1/2 - 1 Mile ESE
L67	ORI400000008451	1/2 - 1 Mile ESE
L68	ORI400000008450	1/2 - 1 Mile ESE
L69	ORI400000008444	1/2 - 1 Mile ESE
L70	ORI400000008445	1/2 - 1 Mile ESE
L71	ORI400000008432	1/2 - 1 Mile ESE
L72	ORI400000008438	1/2 - 1 Mile ESE
L73	ORI400000008455	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 3489054.2s



0 1/4 1/2 1 Miles

- 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
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME: 7th and Patterson Property	CLIENT: Ecology and Environment
ADDRESS: 859 7th St NW Salem OR 97304	CONTACT: Derek Pulvino INQUIRY #: 3489054.2s
LAT/LONG: 44.9477 / 123.0553	DATE: January 07, 2013 3:31 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **East** **0 - 1/8 Mile** **Lower**	**OR WELLS**	**ORI400000008538**

Well inspe:	26842		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC4		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05343		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05343		
Site id:	ORI400000008538		

A2
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008539**

Well inspe:	26840		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC3		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05243		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05243		
Site id:	ORI400000008539		

B3
ENE **OR WELLS** **ORI400000008547**
1/8 - 1/4 Mile
Lower

Well inspe:	31054		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST OF WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94855		
Longitude :	123.05222		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94855		
Newlong:	-123.05222		
Site id:	ORI400000008547		

C4
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008530**

Well inspe:	34983		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, BEHIND STORES OUTSIDE FENCED CHILDREN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, SANITARY CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94757		
Longitude :	123.05191		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94757		
Newlong:	-123.05191		
Site id:	ORI400000008530		

C5
ESE **OR WELLS** **ORI400000008514**
1/8 - 1/4 Mile
Lower

Well inspe:	34499		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; NO SC # ON WELL (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008514		

C6
ESE
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008515**

Well inspe:	34575		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; ALTERATION SC # NOW STAMPED ON WELL		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008515		

B7
ENE **OR WELLS** **ORI400000008546**
1/8 - 1/4 Mile
Lower

Well inspe:	26841		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC5		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94849		
Longitude :	123.05194		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94849		
Newlong:	-123.05194		
Site id:	ORI400000008546		

B8
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008536**

Well inspe:	33765		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC2		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94776		
Longitude :	123.05167		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94776		
Newlong:	-123.05167		
Site id:	ORI400000008536		

C9
ESE **OR WELLS** **ORI400000008520**
1/8 - 1/4 Mile
Lower

Well inspe:	29688		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; NO SC NUMBER ON VAULT (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008520		

C10
ESE
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008521**

Well inspe:	30038		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE.,	WEST SALEM	
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; SC NUMBER NOW STAMPED ON VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008521		

B11
ENE **OR WELLS** **ORI400000008543**
1/8 - 1/4 Mile
Lower

Well inspe:	26839		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC1		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94833		
Longitude :	123.05153		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94833		
Newlong:	-123.05153		
Site id:	ORI400000008543		

C12
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008525**

Well inspe:	31367		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW1; FLUSH, OLD MONUMENT LID, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LO		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94719		
Longitude :	123.05142		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94719		
Newlong:	-123.05142		
Site id:	ORI400000008525		

C13
ESE **OR WELLS** **ORI400000008516**
1/8 - 1/4 Mile
Lower

Well inspe:	29686		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9469		
Longitude :	123.05151		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9469		
Newlong:	-123.05151		
Site id:	ORI400000008516		

B14
ENE **OR WELLS** **ORI400000008552**
1/8 - 1/4 Mile
Lower

Well inspe:	31055		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST & WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94886		
Longitude :	123.05141		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94886		
Newlong:	-123.05141		
Site id:	ORI400000008552		

C15
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008528**

Well inspe:	41179		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94748		
Longitude :	-123.05099		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		
Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94748		
Newlong:	-123.05099		
Site id:	ORI400000008528		

C16
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008529**

Well inspe:	41180		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94751		
Longitude :	-123.0509		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		

Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94751		
Newlong:	-123.0509		
Site id:	ORI400000008529		

C17
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008527**

Well inspe:	31486		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW5; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94746		
Longitude :	123.05087		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94746		
Newlong:	-123.05087		
Site id:	ORI400000008527		

C18
ESE **OR WELLS** **ORI400000008518**
1/8 - 1/4 Mile
Lower

Well inspe:	31366		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW2; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94707		
Longitude :	123.05089		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94707		
Newlong:	-123.05089		
Site id:	ORI400000008518		

C19
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008526**

Well inspe:	33316		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW4; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94735		
Longitude :	123.0506		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94735		
Newlong:	-123.0506		
Site id:	ORI400000008526		

D20
ESE **OR WELLS** **ORI400000008508**
1/8 - 1/4 Mile
Lower

Well inspe:	29687		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUITT BROTHERS INC.; 556 MURLARK AVE, WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 100110; NO BOLTS ON MONUMENT LID		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9463		
Longitude :	123.051		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9463		
Newlong:	-123.051		
Site id:	ORI400000008508		

D21
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008519**

Well inspe:	32498		
Physical l:	Not Reported	Inspection:	02/26/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX OIL CO; 585 WALLACE RD NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MANAGER SAID WELL ABANDONED; VAULT STILL OVER WELL; WELL IS IN PUDDLE OF WATER		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.94709		
Longitude :	123.05051		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	UNKNOWN		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94709		
Newlong:	-123.05051		
Site id:	ORI400000008519		

D22
East
1/8 - 1/4 Mile
Lower

OR WELLS **ORI400000008522**

Well inspe:	33286		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW3?; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94712		
Longitude :	123.05048		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94712		
Newlong:	-123.05048		
Site id:	ORI400000008522		

E23
ENE **OR WELLS** **ORI400000008548**
1/8 - 1/4 Mile
Lower

Well inspe:	35170		
Physical l:	Not Reported	Inspection:	03/15/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	NICHOLSON INVESTMENT, 710 WALLACE RD, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DRILLERS ON SITE, OTHER HOLES BEING DRILLED AT TIME OF INSPECTION		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94863		
Longitude :	123.05039		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	STRAP		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94863		
Newlong:	-123.05039		
Site id:	ORI400000008548		

F24
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008531**

Well inspe:	31485		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW6; FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.9476		
Longitude :	123.05012		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9476		
Newlong:	-123.05012		
Site id:	ORI400000008531		

E25
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008540**

Well inspe:	30142		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, UNDER STEPS TO 2ND FLOOR OF RESTAURA		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-2, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94793		
Longitude :	123.05008		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94793		
Newlong:	-123.05008		
Site id:	ORI400000008540		

F26
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008523**

Well inspe:	31371		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008523		

F27
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008524**

Well inspe:	31484		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008524		

E28
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008537**

Well inspe:	30143		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, IN PARKING BEHIND RESTAURANT		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-3, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94777		
Longitude :	123.04995		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94777		
Newlong:	-123.04995		
Site id:	ORI400000008537		

F29
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008533**

Well inspe:	30141		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-7, FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK, 8" OVERSIZED CASING INSIDE VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	1994		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO METAL OVERSIZED CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008533		

F30
East
1/4 - 1/2 Mile
Lower

OR WELLS **ORI400000008534**

Well inspe:	31024		
Physical l:	Not Reported	Inspection:	08/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	GOLDSTEIN, SHELDON, IN STREET NEAR CHALET RESTAURANT, 600 WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FOUND ASPHALT PATCH IN STREET AT GPS LOCATION FOR MW-7A, ORIG SC 97396		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2600		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008534		

G31
SE
1/4 - 1/2 Mile
Higher

OR WELLS **ORW400000006083**

Logid:	POLK 1844	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	150	Site id:	ORW400000006083

G32
SE
1/4 - 1/2 Mile
Higher

FED USGS **USGS3254434**

Agency cd:	USGS	Site no:	445641123025101
Site name:	07S/03W-22CCB		
Latitude:	445641	EDR Site id:	USGS3254434
Longitude:	1230251	Dec lat:	44.94456403
Dec lon:	-123.04870773	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	053
Country:	US	Land net:	Not Reported
Location map:	SALEM WEST	Map scale:	24000
Altitude:	150.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.0		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19630919
Date inventoried:	19631024	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:	397.00	Hole depth:	400.00
Source of depth data:	driller		
Project number:	4753-34400		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
H33 **SSW** **1/4 - 1/2 Mile** **Higher**	**OR WELLS**	**ORI400000008416**

Well inspe:	44040		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94092		
Longitude :	-123.05865		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	-1
Street of :	Not Reported		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94092		
Newlong:	-123.05865		
Site id:	ORI400000008416		

H34
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008415**

Well inspe:	43634		
Physical l:	Not Reported	Inspection:	08/22/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.9408		
Longitude :	-123.05857		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	12/03/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9408		
Newlong:	-123.05857		
Site id:	ORI400000008415		

H35
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008414**

Well inspe:	44037		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94074		
Longitude :	-123.05836		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94074		
Newlong:	-123.05836		
Site id:	ORI400000008414		

H36
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008413**

Well inspe:	44038		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94072		
Longitude :	-123.05862		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94072		
Newlong:	-123.05862		
Site id:	ORI400000008413		

H37
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008411**

Well inspe:	43574		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94067		
Longitude :	-123.05848		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94067		
Newlong:	-123.05848		
Site id:	ORI400000008411		

H38
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008409**

Well inspe:	43247		
Physical l:	Not Reported	Inspection:	02/08/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94063		
Longitude :	-123.05852		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	02/28/2007	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94063		
Newlong:	-123.05852		
Site id:	ORI400000008409		

H39
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008407**

Well inspe:	44041		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94057		
Longitude :	-123.0583		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	ACROSS FROM 1175 EDGEWATER ST		
Street of1:	ACROSS FROM 1175 EDGEWATER ST		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94057		
Newlong:	-123.0583		
Site id:	ORI400000008407		

H40
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008408**

Well inspe:	44039		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94061		
Longitude :	-123.0587		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST, SALEM		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94061		
Newlong:	-123.0587		
Site id:	ORI400000008408		

41
SSW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008388**

Well inspe:	44253		
Physical l:	Not Reported	Inspection:	09/11/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	-1	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MARVIN SANNES		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NOT ABANDONED YET; WELL STILL IN PLACE		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	28		
Qtr40:	NW	Qtr160:	NE
Latitude d:	44.93945		
Longitude :	-123.06053		
Gps horizo:	Not Reported		
Year const:	1936		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	SS	Pictures t:	-1
Street of :	Not Reported		
Street of1:	1320 EDGEWATER ST NW IN SALEM; IN BASEMENT OF BUILDING		
Last updt :	09/11/2007	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.93945		
Newlong:	-123.06053		
Site id:	ORI400000008388		

I42
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008478**

Well inspe:	25881		
Physical l:	Not Reported	Inspection:	01/11/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST REPAIRED;		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008478		

I43
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008479**

Well inspe:	33420		
Physical l:	Not Reported	Inspection:	12/06/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVER FRONT PARK; BESIDE DRIVEWAY ENTRANCE; SEE MAP		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	ONE POST DAMAGED; MUST REPAIR		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008479		

I44
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008480**

Well inspe:	33528		
Physical l:	Not Reported	Inspection:	01/09/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST STILL BENT; MUST BE REPAIRED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008480		

I45
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008477**

Well inspe:	25389		
Physical l:	Not Reported	Inspection:	12/18/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST STILL BENT; MUST BE REPAIRED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008477		

46
South
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006024**

Logid:	MARI 8117	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	130	Site id:	ORW400000006024

47
SSE
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006021**

Logid:	MARI 8118	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	130	Site id:	ORW400000006021

J48
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008503**

Well inspe:	38198		
Physical l:	Not Reported	Inspection:	03/04/2005
Startcard :	Not Reported	Wl county :	LANE
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	ADELE, RICHARD		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	LANE
Tax lot:	700		
Township:	17		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	34		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.9452		
Longitude :	123.03924		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	SS	Pictures t:	0
Street of :	3675 FRANKLIN BLVD		
Street of1:	3675 FRANKLIN BLVD		
Last updt :	05/13/2005	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9452		
Newlong:	-123.03924		
Site id:	ORI400000008503		

J49
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008504**

Well inspe:	38199		
Physical l:	Not Reported	Inspection:	03/04/2005
Startcard :	Not Reported	Wl county :	LANE
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	ADELE, RICHARD		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	LANE
Tax lot:	700		
Township:	17		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	34		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.9452		
Longitude :	123.03924		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	SS	Pictures t:	0
Street of :	3675 FRANKLIN BLVD		
Street of1:	3675 FRANKLIN BLVD		
Last updt :	05/13/2005	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9452		
Newlong:	-123.03924		
Site id:	ORI400000008504		

K50
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008486**

Well inspe:	38871		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.9436		
Longitude :	123.03812		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9436		
Newlong:	-123.03812		
Site id:	ORI400000008486		

K51
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008482**

Well inspe:	38863		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.9433		
Longitude :	123.03811		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9433		
Newlong:	-123.03811		
Site id:	ORI400000008482		

K52
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008483**

Well inspe:	38865		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.9433		
Longitude :	123.03811		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9433		
Newlong:	-123.03811		
Site id:	ORI400000008483		

K53
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008485**

Well inspe:	38866		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	WASH
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.94355		
Longitude :	123.03783		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	16300 SW 192ND AVE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94355		
Newlong:	-123.03783		
Site id:	ORI400000008485		

K54
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008476**

Well inspe:	38864		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.94314		
Longitude :	123.03742		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94314		
Newlong:	-123.03742		
Site id:	ORI400000008476		

L55
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008462**

Well inspe:	30041		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG; LOCK NOW INSTALLED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94184		
Longitude :	123.03711		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94184		
Newlong:	-123.03711		
Site id:	ORI400000008462		

L56
ESE **OR WELLS** **ORI400000008463**
1/2 - 1 Mile
Higher

Well inspe:	34427		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG ; NO LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94184		
Longitude :	123.03711		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94184		
Newlong:	-123.03711		
Site id:	ORI400000008463		

L57
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008456**

Well inspe:	28882		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94175		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94175		
Newlong:	-123.0371		
Site id:	ORI400000008456		

L58
ESE **OR WELLS** **ORI400000008457**
1/2 - 1 Mile
Higher

Well inspe:	29420		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94175		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94175		
Newlong:	-123.0371		
Site id:	ORI400000008457		

L59
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008459**

Well inspe:	28884		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94178		
Longitude :	123.03706		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94178		
Newlong:	-123.03706		
Site id:	ORI400000008459		

L60
ESE **OR WELLS** **ORI400000008460**
1/2 - 1 Mile
Higher

Well inspe:	29421		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94178		
Longitude :	123.03706		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94178		
Newlong:	-123.03706		
Site id:	ORI400000008460		

L61
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008446**

Well inspe:	28883		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94168		
Longitude :	123.03712		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94168		
Newlong:	-123.03712		
Site id:	ORI400000008446		

L62
ESE **OR WELLS** **ORI400000008447**
1/2 - 1 Mile
Higher

Well inspe:	29418		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; NO LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94168		
Longitude :	123.03712		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94168		
Newlong:	-123.03712		
Site id:	ORI400000008447		

L63
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008453**

Well inspe:	29419		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; NO LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94171		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94171		
Newlong:	-123.0371		
Site id:	ORI400000008453		

L64
ESE **OR WELLS** **ORI400000008454**
1/2 - 1 Mile
Higher

Well inspe:	34278		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94171		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94171		
Newlong:	-123.0371		
Site id:	ORI400000008454		

L65
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008449**

Well inspe:	30039		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING VERIFIED, J-PLUG WITH LOCK; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008449		

L66
ESE **OR WELLS** **ORI400000008448**
1/2 - 1 Mile
Higher

Well inspe:	29416		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING VERIFIED, J-PLUG WITH BROKEN TAB; NO LOCK; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008448		

L67
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008451**

Well inspe:	31464		
Physical l:	Not Reported	Inspection:	09/11/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	STAMPED START CARD NUMBER ON VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008451		

L68
ESE **OR WELLS** **ORI400000008450**
1/2 - 1 Mile
Higher

Well inspe:	31418		
Physical l:	Not Reported	Inspection:	09/09/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NEW VAULT WITH PIPE ENTERING FROM SIDE, SEALED AT VAULT WALL, NO SC# STAMPED		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008450		

L69
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008444**

Well inspe:	29417		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG ; NO LOCK; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94167		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94167		
Newlong:	-123.03703		
Site id:	ORI400000008444		

L70
ESE **OR WELLS** **ORI400000008445**
1/2 - 1 Mile
Higher

Well inspe:	30040		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG; LOCK NOW INSTALLED; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94167		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94167		
Newlong:	-123.03703		
Site id:	ORI400000008445		

L71
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008432**

Well inspe:	31420		
Physical l:	Not Reported	Inspection:	09/09/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTY, NEAR ALLEY BETWEEN HIGH ST. & LIBERTY, COU		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING, 12" FLUSH VAULT, HOOKED TO SYSTEM, SEALED PIPE ENTERS SIDE OF VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94157		
Longitude :	123.03709		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94157		
Newlong:	-123.03709		
Site id:	ORI400000008432		

L72
ESE **OR WELLS** **ORI400000008438**
1/2 - 1 Mile
Higher

Well inspe:	31419		
Physical l:	Not Reported	Inspection:	09/09/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTY, NEAR ALLEY BETWEEN HIGH ST. & LIBERTY, COU		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING, 12" FLUSH VAULT, HOOKED TO SYSTEM, SEALED PIPE ENTERS SIDE OF VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94161		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94161		
Newlong:	-123.03703		
Site id:	ORI400000008438		

L73
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008455**

Well inspe:	34280		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94171		
Longitude :	123.03685		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94171		
Newlong:	-123.03685		
Site id:	ORI400000008455		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97304	35	48.8	0.3	8.2	17

Federal EPA Radon Zone for POLK County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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

Oil and Gas Well Locations
Source: Department of Geology and Mineral Industries
Telephone: 971-673-1540
A listing of oil and gas well locations in the state.

RADON

State Database: OR Radon
Source: Oregon Health Services
Telephone: 503-731-4272
Radon Levels in Orgeon

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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West Salem High
1776 Titan Dr. NW
Salem, OR 97304

Inquiry Number: 3488943.2s
January 07, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

1776 TITAN DR. NW
SALEM, OR 97304

COORDINATES

Latitude (North):	44.9577938 - 44˚ 57' 28.05''
Longitude (West):	123.0858055 - 123˚ 5' 8.89''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	493232.1
UTM Y (Meters):	4978048.5
Elevation:	408 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

OR CRL ..... Confirmed Release List and Inventory
ECSI ..... Environmental Cleanup Site Information System

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

SWF/LF ..... Solid Waste Facilities List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

UST ..... Underground Storage Tank Database

EXECUTIVE SUMMARY

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

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Engineering Controls Recorded at ESCI Sites
INST CONTROL ..... Institutional Controls Recorded at ESCI Sites

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Program Sites
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ..... Brownfields Projects

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF ..... Old Closed SW Disposal Sites
SWRCY ..... Recycling Facility Location Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
AOCONCERN ..... Columbia Slough
CDL ..... Uninhabitable Drug Lab Properties
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS ..... Spill Database

Other Ascertainable Records

RCRA-NonGen ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites

EXECUTIVE SUMMARY

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
UIC	Underground Injection Control Program Database
MANIFEST	Manifest Information
OR HAZMAT	Hazmat/Incidents
DRYCLEANERS	Drycleaning Facilities
NPDES	Wastewater Permits Database
AIRS	Oregon Title V Facility Listing
HSIS	Hazardous Substance Information Survey
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PRP	Potentially Responsible Parties
EPA WATCH LIST	EPA WATCH LIST
Financial Assurance	Financial Assurance Information Listing
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US FIN ASSUR	Financial Assurance Information
2020 COR ACTION	2020 Corrective Action Program List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH	Coal Ash Disposal Sites Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

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 10/01/2012 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

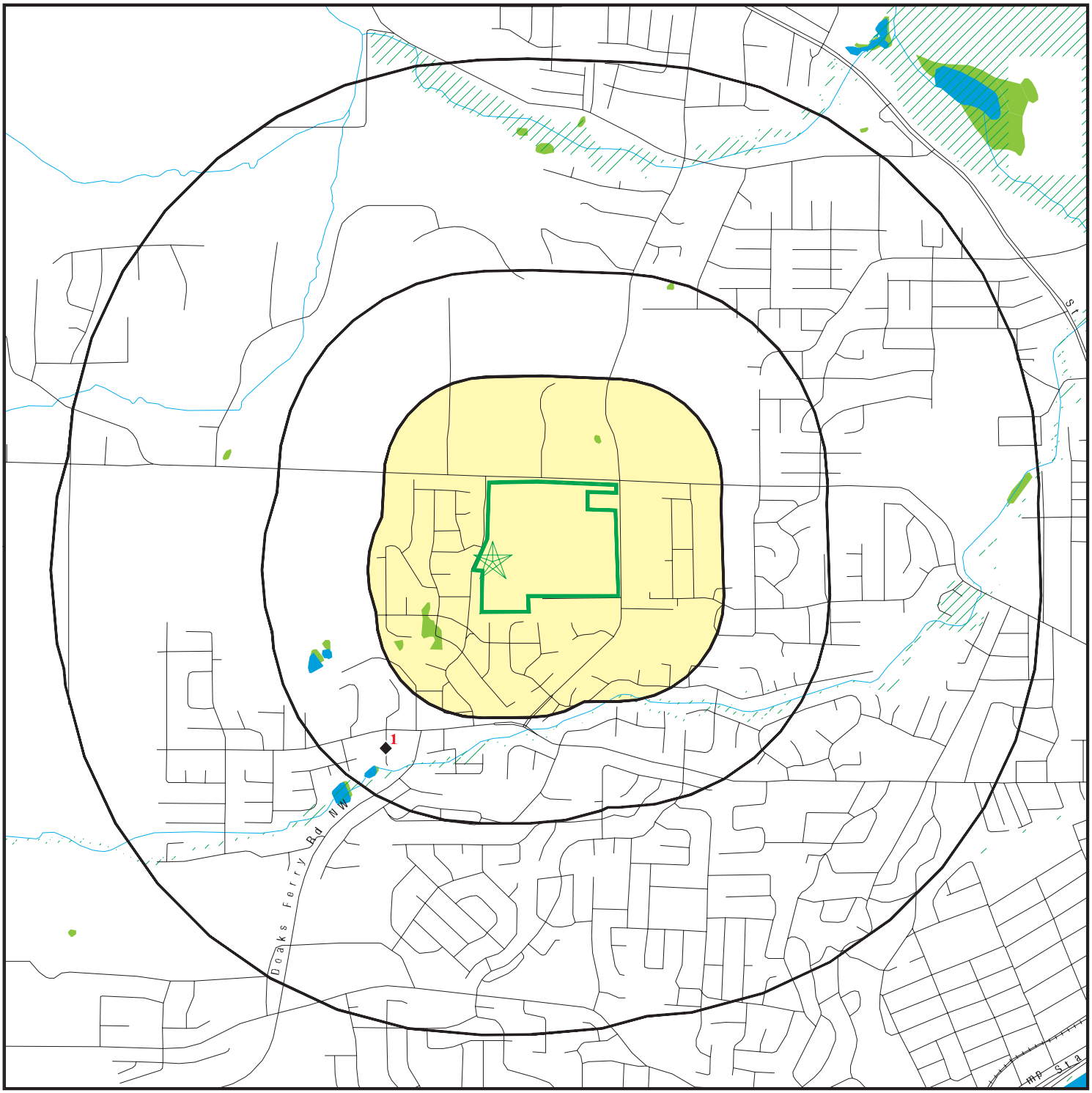
Lower Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK Cleanup Complete: 01/05/2007	1209 29TH PL NW	SSW 1/4 - 1/2 (0.394 mi.)	1	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 14 records.

Site Name	Database(s)
PICTSWEET PROPERTIES (FORMER)	VCP, ECSI
LINDBECK FARM (FORMER)	VCP, ECSI
BPA	AST, HSIS
DERMAC LABS INC	AST, HSIS
CAPITAL MANOR INC	RCRA-CESQG, FINDS
1685 SALEM DRIVE N.E.	HMIRS
HIGH POINTE AT CHERRY HILL PHASE I	FINDS
HIGH POINTE AT CHERRY HILL PHASE I	FINDS
MOUNTAIN WEST SENIOR HOUSEING, LLC	FINDS
SALEM HOSPITAL	FINDS
SALEM PREMIER RV RESORT (DBA EOLA	UIC
HIGH POINTE AT CHERRY HILL PHASE I	NPDES
HIGH POINTE AT CHERRY HILL PHASE I	NPDES
WEST SALEM CLINIC	NPDES

OVERVIEW MAP - 3488943.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

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: West Salem High	CLIENT: Ecology and Environment
ADDRESS: 1776 Titan Dr. NW Salem OR 97304	CONTACT: Derek Pulvino
LAT/LONG: 44.957793782032 / 123.085805521416	INQUIRY #: 3488943.2s DATE: January 07, 2013 4:51 pm

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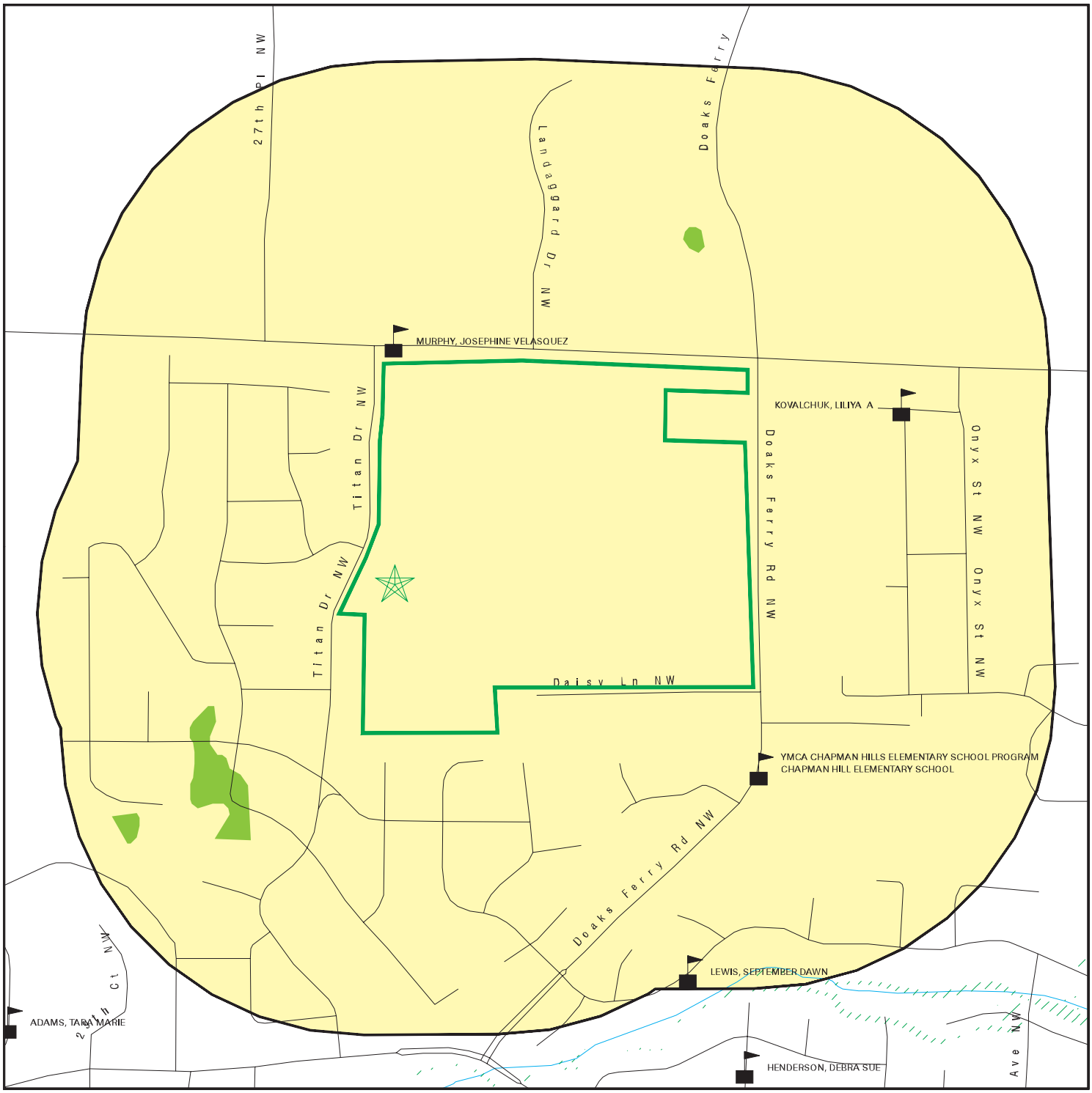
DETAIL MAP - 3488943.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

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: West Salem High	CLIENT: Ecology and Environment
ADDRESS: 1776 Titan Dr. NW Salem OR 97304	CONTACT: Derek Pulvino
LAT/LONG: 44.957793782032 / 123.085805521416	INQUIRY #: 3488943.2s
	DATE: January 07, 2013 4:55 pm

Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
OR HAZMAT	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HSIS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
1 SSW 1/4-1/2 0.394 mi. 2078 ft.	**HEATING OIL TANK 1209 29TH PL NW SALEM, OR 97304**	**LUST**	**S108573031 N/A**

Relative:
Lower

Actual:
321 ft.

LUST:

Region:	Western Region
Facility ID:	27-06-2040
Cleanup Received Date:	11/16/2006
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**01/05/2007**

Count: 14 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SALEM	1011952315	HIGH POINTE AT CHERRY HILL PHASE I	3300 BLOCK ORCHARD HEIGHTS ROA	97304	FINDS
SALEM	1011952714	HIGH POINTE AT CHERRY HILL PHASE I	3100 BLOCK ORCHARD HEIGHTS RD	97304	FINDS
SALEM	S108660290	HIGH POINTE AT CHERRY HILL PHASE I	3300 BLOCK ORCHARD HEIGHTS RD	97304	NPDES
SALEM	S108660289	HIGH POINTE AT CHERRY HILL PHASE I	3100 BLOCK ORCHARD HEIGHTS RD	97304	NPDES
SALEM	S111005959	PICTSWEET PROPERTIES (FORMER)	CORDON ROAD AND STATE ST		VCP, ECSI
SALEM	1004770750	CAPITAL MANOR INC	1955 DALLAS HWY NW	97304	RCRA-CESQG, FINDS
SALEM	1011946101	MOUNTAIN WEST SENIOR HOUSEING, LLC	KUEBLER/PENCE PROPERTY	97304	FINDS
SALEM	S111120149	WEST SALEM CLINIC	NW OF EDGEWATER & PATTERSON N	97304	NPDES
SALEM	S112058062	LINDBECK FARM (FORMER)	ORCHARD HEIGHTS RD NW	97304	VCP, ECSI
SALEM	2008425538	1685 SALEM DRIVE N.E.	1685 SALEM DRIVE N.E.		HMIRS
SALEM	S111241737	SALEM PREMIER RV RESORT (DBA EOLA	4700 SALEM DALLAS		UIC
SALEM	S111247358	BPA	3105 NW SALEM DALLAS HWY	97304	AST, HSIS
SALEM	S111248892	DERMAC LABS INC	2485 SALEM HWY NW	97304	AST, HSIS
SALEM	1014826983	SALEM HOSPITAL	UNKNOWN		FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/09/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

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

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

CRL: Confirmed Release List and Inventory
All facilities with a confirmed release.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System
Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

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

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: 08/28/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 44

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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

Date of Government Version: 07/01/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 09/10/2012
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
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: 10/01/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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: 10/22/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: DEQ
Telephone: 503-229-5256
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects
Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6801
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

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

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

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

SWRCY: Recycling Facility Location Listing
A listing of recycling facility locations.

Date of Government Version: 09/04/2012
Date Data Arrived at EDR: 09/05/2012
Date Made Active in Reports: 10/01/2012
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5353
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

AOC COL: Columbia Slough
Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/16/2006
Number of Days to Update: 30

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
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: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 11/09/2012
Date Data Arrived at EDR: 11/15/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 53

Source: Department of Consumer & Business Services
Telephone: 503-378-4133
Last EDR Contact: 11/13/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

CDL 2: Clandestine Drug Lab Site Listing
A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Oregon State Police
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

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

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

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

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

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

SPILLS: Spill Data
Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 09/30/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Semi-Annually

Other Ascertainable Records

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

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

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

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

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

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

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: 10/02/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 09/26/2011
Date Made Active in Reports: 11/10/2011
Number of Days to Update: 45

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaning Facilities
A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 02/06/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6783
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

NPDES: Wastewater Permits Database
A listing of permitted wastewater facilities.

Date of Government Version: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/07/2012
Number of Days to Update: 58

Source: Department of Environmental Quality
Telephone: 503-229-5657
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

AIRS: Oregon Title V Facility Listing
A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/06/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 503-229-6459
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
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: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/28/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 503-229-5521
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites Listing
A listing of coal ash disposal sites.

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 541-298-7255
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information for hazardous waste facilities.

Date of Government Version: 08/10/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 541-633-2011
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 2003 & 2011 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

WEST SALEM HIGH
1776 TITAN DR. NW
SALEM, OR 97304

TARGET PROPERTY COORDINATES

Latitude (North):	44.957793782032 - 44˚ 57’ 28.06’’
Longitude (West):	123.0858055214 - 123˚ 5’ 8.90’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	493232.1
UTM Y (Meters):	4978048.5
Elevation:	408 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

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 principal 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).

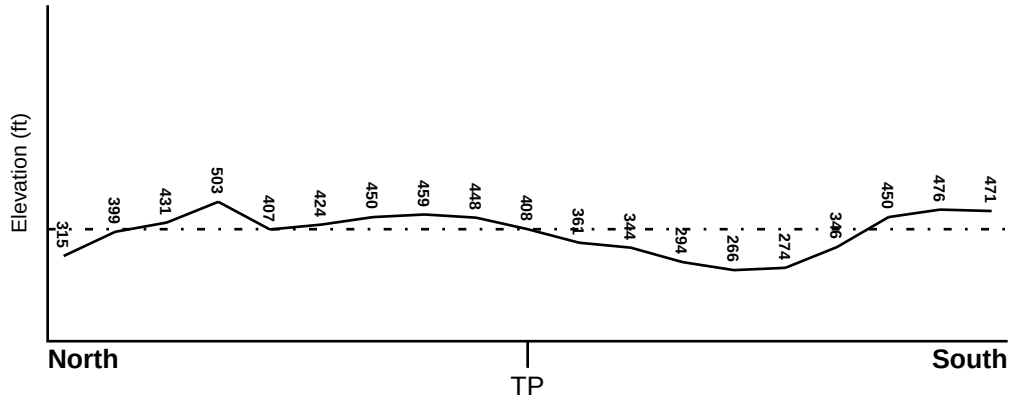
TOPOGRAPHIC INFORMATION

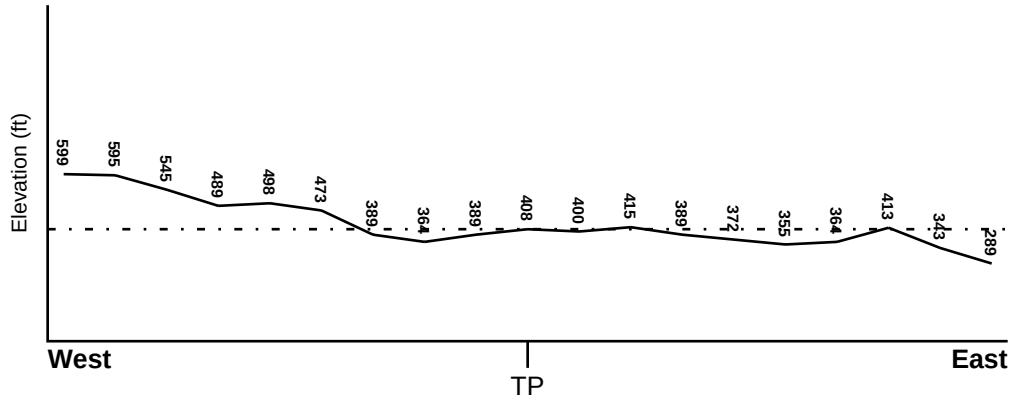
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 408 ft.

0 1/2 1 Miles

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
POLK, OR	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 41053C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SALEM WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

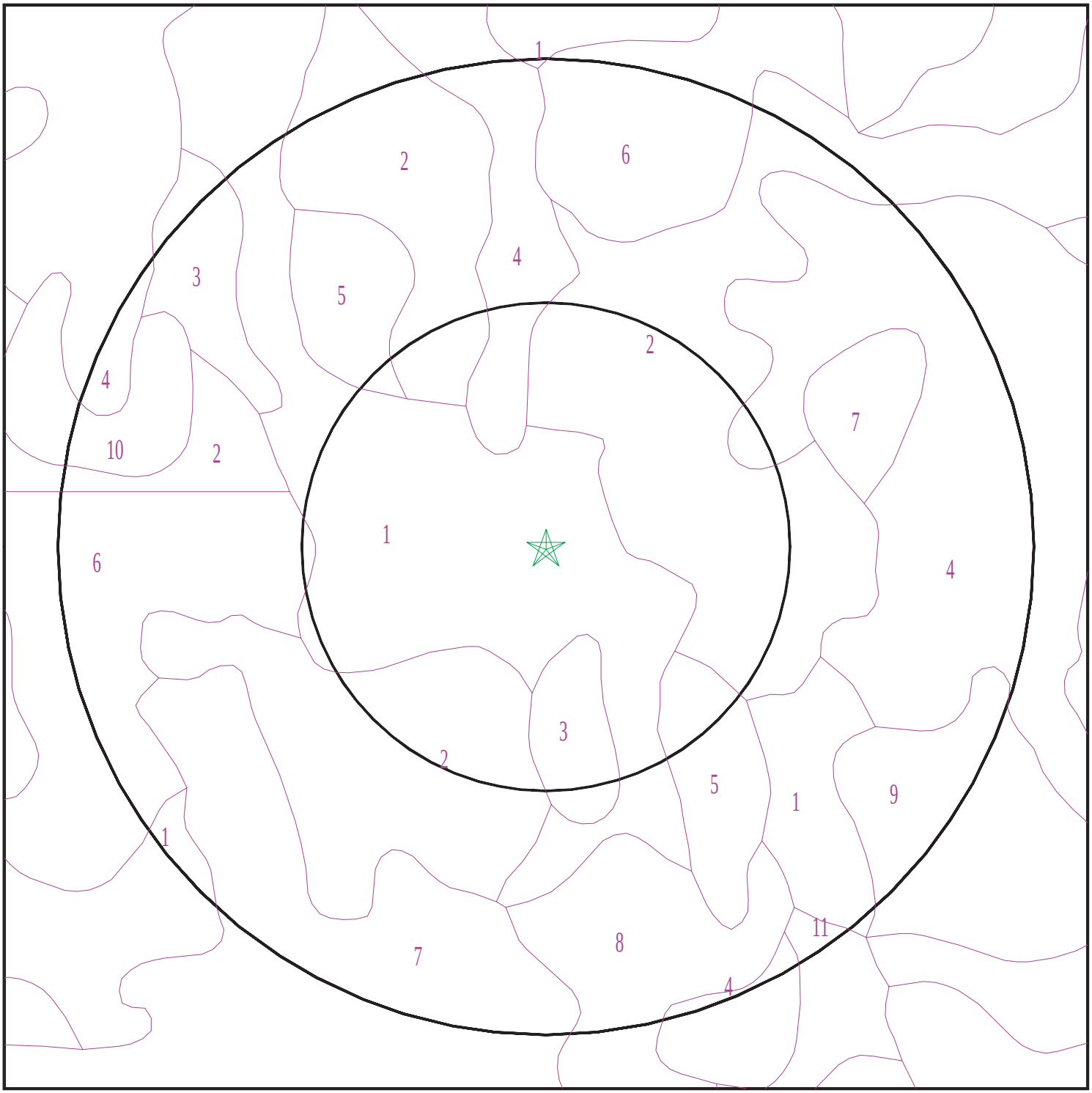
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 3488943.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	West Salem High	CLIENT:	Ecology and Environment
ADDRESS:	1776 Titan Dr. NW Salem OR 97304	CONTACT:	Derek Pulvino
		INQUIRY #:	3488943.2s
LAT/LONG:	44.957793782032 / 123.085805521416	DATE:	January 07, 2013 4:56 pm

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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: Nekia

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 64 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Nekia

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 64 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: Nekia

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 64 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Witzel

Soil Surface Texture: very stony silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 43 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	very stony silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	16 inches	extremely cobbly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	16 inches	20 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 7

Soil Component Name: McAlpin

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 6 Min: 5.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	25 inches	61 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 6 Min: 5.1

Soil Map ID: 8

Soil Component Name: Witzel

Soil Surface Texture: very stony silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 43 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	very stony silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	16 inches	extremely cobbly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	16 inches	20 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 9

Soil Component Name: Ritner

Soil Surface Texture: gravelly silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 97 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	25 inches	very cobbly silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	25 inches	37 inches	extremely cobbly silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
4	37 inches	42 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 10

Soil Component Name: Ritner

Soil Surface Texture: unweathered bedrock

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 97 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	37 inches	42 inches	unweathered bedrock	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	0 inches	14 inches	gravelly silty clay loam	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
3	14 inches	25 inches	very cobbly silty clay	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
4	25 inches	37 inches	extremely cobbly silty clay	Not reported	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1

Soil Map ID: 11

Soil Component Name: Dupee

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	9 inches	61 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS3254533	1/8 - 1/4 Mile NNE
A4	USGS3254456	1/4 - 1/2 Mile ENE
B8	USGS3254461	1/4 - 1/2 Mile North
C11	USGS3254443	1/4 - 1/2 Mile SSW
K41	USGS3254460	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

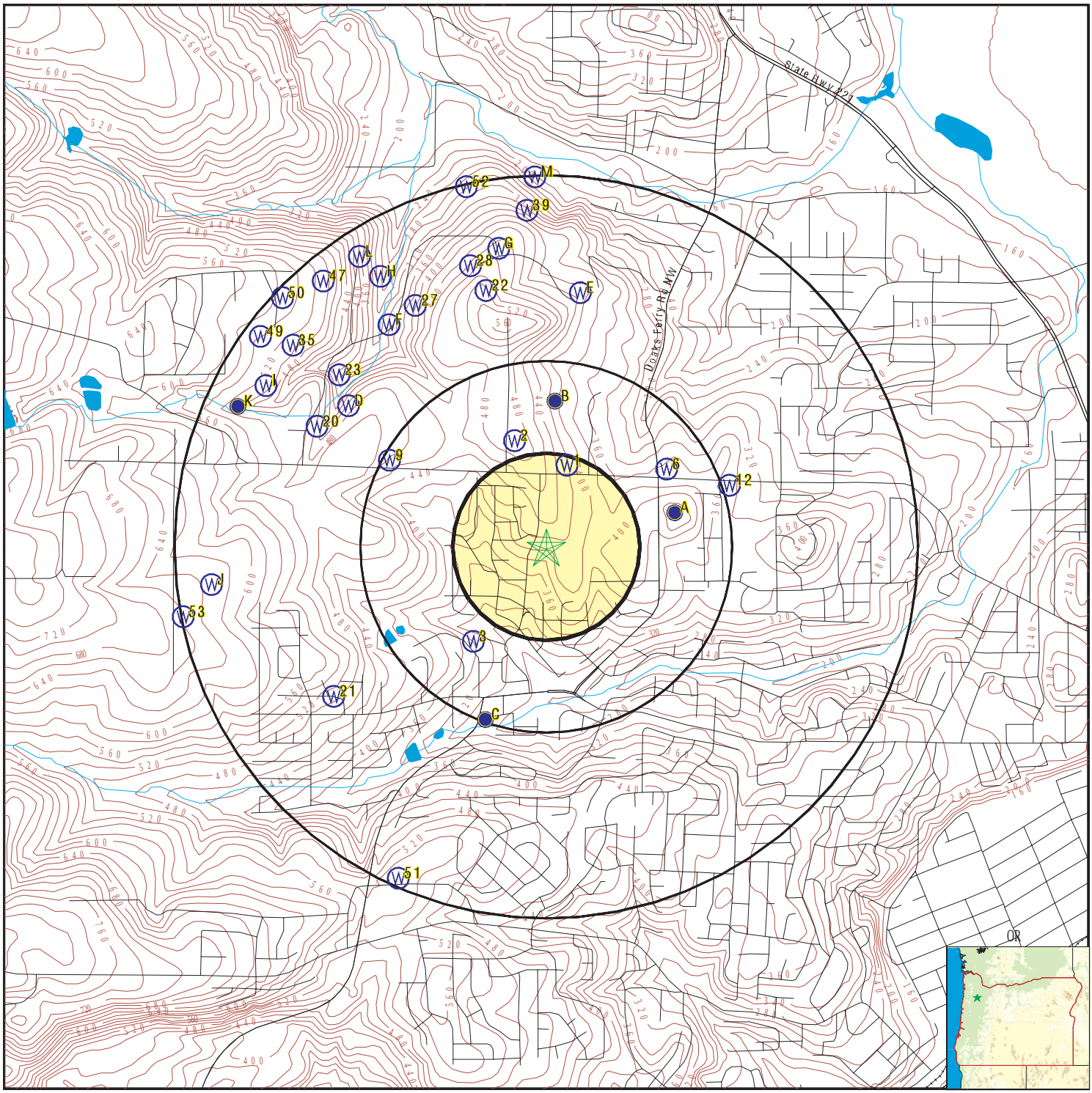
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	ORW400000006218	1/4 - 1/2 Mile NNW
3	ORW400000006144	1/4 - 1/2 Mile SW
A5	ORW400000006190	1/4 - 1/2 Mile ENE
6	ORW400000006205	1/4 - 1/2 Mile ENE
B7	ORW400000006230	1/4 - 1/2 Mile North
9	ORW400000006212	1/4 - 1/2 Mile WNW
C10	ORW400000006123	1/4 - 1/2 Mile SSW
12	ORI400000008670	1/2 - 1 Mile ENE
D13	ORW400000006227	1/2 - 1 Mile WNW
D14	ORI400000008703	1/2 - 1 Mile NW
E15	ORW400000006286	1/2 - 1 Mile North
E16	ORI400000008732	1/2 - 1 Mile North
E17	ORW400000006293	1/2 - 1 Mile North
E18	ORI400000008731	1/2 - 1 Mile North
E19	ORW400000006292	1/2 - 1 Mile North
20	ORW400000006223	1/2 - 1 Mile WNW
21	ORI400000008592	1/2 - 1 Mile SW
22	ORW400000006294	1/2 - 1 Mile NNW
23	ORW400000006244	1/2 - 1 Mile NW
F24	ORI400000008708	1/2 - 1 Mile NW
F25	ORI400000008709	1/2 - 1 Mile NW
F26	ORW400000006269	1/2 - 1 Mile NW
27	ORW400000006284	1/2 - 1 Mile NNW
28	ORW400000006321	1/2 - 1 Mile NNW
G29	ORW400000006335	1/2 - 1 Mile North
G30	ORW400000006341	1/2 - 1 Mile North
G31	ORW400000006343	1/2 - 1 Mile North
G32	ORW400000006350	1/2 - 1 Mile North
H33	ORW400000006305	1/2 - 1 Mile NNW
I34	ORI400000008705	1/2 - 1 Mile WNW
35	ORW400000006258	1/2 - 1 Mile NW
I36	ORW400000006242	1/2 - 1 Mile WNW
H37	ORW400000006315	1/2 - 1 Mile NNW
J38	ORW400000006164	1/2 - 1 Mile West
39	ORW400000006374	1/2 - 1 Mile North
K40	ORW400000006228	1/2 - 1 Mile WNW
K42	ORW400000006235	1/2 - 1 Mile WNW
L43	ORW400000006325	1/2 - 1 Mile NNW
J44	ORW400000006158	1/2 - 1 Mile West
L45	ORI400000008741	1/2 - 1 Mile NNW
L46	ORW400000006332	1/2 - 1 Mile NNW
47	ORW400000006307	1/2 - 1 Mile NW
L48	ORW400000006338	1/2 - 1 Mile NNW
49	ORW400000006261	1/2 - 1 Mile NW
50	ORW400000006287	1/2 - 1 Mile NW
51	ORI400000008501	1/2 - 1 Mile SSW
52	ORW400000006385	1/2 - 1 Mile NNW
53	ORW400000006149	1/2 - 1 Mile West
M54	ORI400000008784	1/2 - 1 Mile North
M55	ORW400000006394	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 3488943.2s



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

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location

N

SITE NAME:	West Salem High	CLIENT:	Ecology and Environment
ADDRESS:	1776 Titan Dr. NW Salem OR 97304	CONTACT:	Derek Pulvino
		INQUIRY #:	3488943.2s
LAT/LONG:	44.957793782032 / 123.085805521416	DATE:	January 07, 2013 4:56 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **NNE** **1/8 - 1/4 Mile** **Higher**	**FED USGS**	**USGS3254533**

Agency cd:	USGS	Site no:	455740123050001
Site name:	07S/03W-17CAC		
Latitude:	445740.08	EDR Site id:	USGS3254533
Longitude:	1230500.44	Dec lat:	44.96097473
Dec lon:	-123.08466437	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	053
Country:	US	Land net:	SWNESWS17T07SR03WW
Location map:	SALEM WEST	Map scale:	24000
Altitude:	420.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19680826
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:	263	Hole depth:	263
Source of depth data:	Not Reported		
Project number:	4741-00200		
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:	1969-10-02	Ground water data end date:	1988-04-13
Ground water data count:	47		

Ground-water levels, Number of Measurements: 47

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1988-04-13	135		1985-10-10	142.0	
1985-07-22	141.2		1985-04-12	141.8	
1984-10-11	140.4		1984-04-24	138.8	
1983-10-27	146.3				
Note: Other conditions existed that would affect the measured water level.					
1983-03-24	224.0				
Note: The site had been pumped recently.					
1982-10-12	229.0				
Note: The site had been pumped recently.					
1982-04-30	159.5		1981-10-15	159.55	
1981-04-02	181.30		1980-10-30	160.93	
1980-03-10	159.86				
1979-08-10	249.31				
Note: The site had been pumped recently.					
1979-07-13	158.24		1979-04-03	152.51	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1978-09-26	152.60		1978-04-03	152.60	
1978-01-09	159.80		1977-09-27	171.33	
1977-07-11	180.68				
Note: The site had been pumped recently.					
1977-04-04	163.09				
1977-03-01	165.53				
Note: The site had been pumped recently.					
1977-01-03	157.50				
Note: The site had been pumped recently.					
1976-09-27	172.52				
Note: The site had been pumped recently.					
1976-04-05	154.39		1976-01-06	161.11	
1975-10-06	166.33		1975-07-01	159.13	
1975-04-01	185.88				
Note: The site had been pumped recently.					
1975-01-14	155.71		1974-07-08	156.88	
1973-10-19	169.84		1973-04-19	158.50	
1973-01-02	168.94		1972-09-28	169.26	
1972-01-06	158.01		1971-10-05	161.94	
1971-04-05	176.32				
1971-01-05	180.00				
Note: The site had been pumped recently.					
1970-10-06	166.67				
Note: The site had been pumped recently.					
1970-07-06	156.87		1970-04-24	154.30	
1970-04-02	165.00				
Note: The site had been pumped recently.					
1970-01-15	154.64		1969-10-02	155.07	

2
NNW
1/4 - 1/2 Mile
Higher

OR WELLS **ORW400000006218**

Logid:	POLK 51079	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	7.5-MINUTE MAP
Horizerr:	50	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	Not Reported
Recwell:	Not Reported	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006218

3
SW
1/4 - 1/2 Mile
Lower

OR WELLS **ORW400000006144**

Logid:	POLK 51484	Lstupdate:	08/22/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	250	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	Not Reported
Recwell:	Not Reported	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006144

Map ID Direction Distance Elevation	Database	EDR ID Number
A4 **ENE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS3254456**

Agency cd:	USGS	Site no:	445733123043901
Site name:	07S/03W-17K2		
Latitude:	445733.43	EDR Site id:	USGS3254456
Longitude:	1230439.14	Dec lat:	44.95912757
Dec lon:	-123.07874754	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	053
Country:	US	Land net:	NWSES17 T0700SR0300WW
Location map:	SALEM WEST	Map scale:	24000
Altitude:	430		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	3		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19610814
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:	147	Hole depth:	147
Source of depth data:	driller		
Project number:	4741-16800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A5 **ENE** **1/4 - 1/2 Mile** **Higher**	**OR WELLS**	**ORW400000006190**

Logid:	POLK 1752	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	430	Site id:	ORW400000006190

Map ID Direction Distance Elevation	Database	EDR ID Number
6 **ENE** **1/4 - 1/2 Mile** **Lower**	**OR WELLS**	**ORW400000006205**

Logid:	POLK 1751	Lstupdate:	10/16/2007
Establby:	KARL WOZNIAK	Xysource:	7.5-MINUTE MAP
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	766	Obswell:	N
Recwell:	9	Obsflagall:	SN
Lsdelev:	360	Site id:	ORW400000006205

B7 **North** **1/4 - 1/2 Mile** **Lower**	**OR WELLS**	**ORW400000006230**

Logid:	MARI 6710	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	407	Site id:	ORW400000006230

B8 **North** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS3254461**

Agency cd:	USGS	Site no:	445749123050801
Site name:	07S/03W-17BDC		
Latitude:	445749.09	EDR Site id:	USGS3254461
Longitude:	1230502.81	Dec lat:	44.96347748
Dec lon:	-123.08532275	Coor meth:	M
Coor accr:	5	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	047
Country:	US	Land net:	SWSENWS17 T0700SR0300WW
Location map:	SALEM WEST	Map scale:	24000
Altitude:	407		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	3		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19870402
Date inventoried:	19960813	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:	411	Hole depth:	411
Source of depth data:	driller		
Project number:	4741-16800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
WNW
1/4 - 1/2 Mile
Higher

OR WELLS **ORW400000006212**

Logid:	POLK 52336	Lstupdate:	08/17/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	78572		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006212

C10
SSW
1/4 - 1/2 Mile
Lower

OR WELLS **ORW400000006123**

Logid:	POLK 1830	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	285	Site id:	ORW400000006123

C11
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS3254443**

Agency cd:	USGS	Site no:	445704123051701
Site name:	07S/03W-20E1		
Latitude:	445704.4	EDR Site id:	USGS3254443
Longitude:	1230516.57	Dec lat:	44.95106367
Dec lon:	-123.08914492	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	053
Country:	US	Land net:	SWNWS20 T0700SR0300WW
Location map:	SALEM WEST	Map scale:	24000
Altitude:	285		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	3		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19590918
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	160
Source of depth data:	driller		
Project number:	4741-16800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

12
ENE **OR WELLS** **ORI400000008670**
1/2 - 1 Mile
Lower

Well inspe:	24713		
Physical l:	Not Reported	Inspection:	09/05/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	HEIGHTS SUBDIVISION; 2026 ORCHARD HEIGHTS RD NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	WORK DONE ON 9/4/2002		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	17		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.96019		
Longitude :	123.07574		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96019		
Newlong:	-123.07574		
Site id:	ORI400000008670		

D13
WNW
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006227**

Logid:	POLK 51172	Lstupdate:	08/20/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	500	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	42461		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006227

Map ID Direction Distance Elevation		Database	EDR ID Number
D14 **NW** **1/2 - 1 Mile** **Higher**		**OR WELLS**	**ORI400000008703**

Well inspe:	36583		
Physical l:	Not Reported	Inspection:	09/14/2004
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	JENSEN, ERIC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	BEYOND EQUIP SOUNDING ABILITY		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	5101		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	18		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.96367		
Longitude :	123.09668		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	PT	Pictures t:	0
Street of :	2200 GRICE HILL RD NW		
Street of1:	2200 GRICE HILL RD NW		
Last updt :	09/28/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96367		
Newlong:	-123.09668		
Site id:	ORI400000008703		

E15
North
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006286**

Logid:	POLK 50696	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	5	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	20454		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	419	Site id:	ORW400000006286

E16
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008732**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well inspe:	24711		
Physical l:	Not Reported	Inspection:	09/05/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	GUNTHER, JOHN; 2477 EMERALD DR NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	LANDOWNER ON SITE; SAID RUNS OUT OF WATER AFTER 10 MINUTES		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	1101		
Township:	7		

Township c:	S		
Range:	3		
Range char:	W		
Sctn:	17		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96776		
Longitude :	123.08401		
Gps horizo:	Not Reported		
Year const:	2001		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96776		
Newlong:	-123.08401		
Site id:	ORI400000008732		

E17
North
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006293**

Logid:	POLK 1747	Lstupdate:	09/19/2007
Establby:	KRIS BYRD	Xysource:	GPS
Horizerr:	50	Sourceorg:	OWRD
Sourceowrd:	WELL INSPECTOR		
Welltag:	50287		
Sownum:	0	Obswell:	N
Recwell:	9	Obsflagall:	ON
Lsdelev:	410	Site id:	ORW400000006293

E18
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008731**

Well inspe:	34477		
Physical l:	Not Reported	Inspection:	01/28/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	GUNTHER, JOHN; 2477 EMERALD DR NW, SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	LANDOWNER ON SITE; OWNER SAYS WELL IS 400 FEET; 16 GPM		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	1101		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	17		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96774		
Longitude :	123.08374		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96774		
Newlong:	-123.08374		
Site id:	ORI400000008731		

E19
North
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006292**

Logid:	POLK 51602	Lstupdate:	09/19/2007
Establby:	KRIS BYRD	Xysource:	GPS
Horizerr:	50	Sourceorg:	OWRD
Sourceowrd:	WELL INSPECTOR		
Welltag:	62054		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	408	Site id:	ORW400000006292

20
WNW
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006223**

Logid:	POLK 51872	Lstupdate:	08/21/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	250	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	63673		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006223

21
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008592**

Well inspe:	37613		
Physical l:	Not Reported	Inspection:	01/24/2005
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MCNULT, MICHAEL		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	LANE
Tax lot:	13200		
Township:	17		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	31		
Qtr40:	NW	Qtr160:	NE
Latitude d:	44.95196		
Longitude :	123.09747		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	330 W 7TH AVE, EUGENE		
Last updt :	02/11/2005	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95196		
Newlong:	-123.09747		
Site id:	ORI400000008592		

22
NNW
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006294**

Logid:	POLK 50431	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	5	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	17130		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	522	Site id:	ORW400000006294

23
NW
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006244**

Logid:	POLK 52029	Lstupdate:	09/19/2007
Establby:	DRILLER	Xysource:	GPS
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	WELL LOG		
Welltag:	69331		
Sownum:	0	Obswell:	N
Recwell:	9	Obsflagall:	ON
Lsdelev:	370	Site id:	ORW400000006244

F24
NW
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008708**

Well inspe:	43485		
Physical l:	Not Reported	Inspection:	02/14/2006
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CHEN, ALAN		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	4400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	18		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.96645		
Longitude :	-123.09443		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	SS	Pictures t:	0
Street of :	2233 GRICE HILL RD NW		
Street of1:	2233 GRICE HILL RD NW SALEM OR, 97304		
Last updt :	05/29/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96645		
Newlong:	-123.09443		
Site id:	ORI400000008708		

F25
NW
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008709**

Well inspe:	43507		
Physical l:	Not Reported	Inspection:	02/14/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CHEN, ALAN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	4400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	18		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.96645		
Longitude :	-123.09443		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	SS	Pictures t:	0
Street of :	2233 GRICE HILL RD NW		
Street of1:	2233 GRICE HILL RD NW SALEM OR, 97304		
Last updt :	08/08/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96645		
Newlong:	-123.09443		
Site id:	ORI400000008709		

F26
NW
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006269**

Logid:	POLK 52504	Lstupdate:	09/24/2007
Establby:	JOEL JEFFERY	Xysource:	GPS
Horizerr:	50	Sourceorg:	OWRD
Sourceowrd:	WELL INSPECTOR		
Welltag:	86870		
Sownum:	0	Obswell:	C
Recwell:	9	Obsflagall:	OC
Lsdelev:	330	Site id:	ORW400000006269

Map ID Direction Distance Elevation	Database	EDR ID Number
27 **NNW** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006284**

Logid:	POLK 50885	Lstupdate:	08/20/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	250	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	27836		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006284

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28 **NNW** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006321**

Logid:	POLK 50899	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	5	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	27837		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	460	Site id:	ORW400000006321

G29 **North** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006335**

Logid:	POLK 50585	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	4	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	17128		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006335

G30 **North** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006341**

Logid:	POLK 50501	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	5	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	17118		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	469	Site id:	ORW400000006341

Map ID Direction Distance Elevation	Database	EDR ID Number
G31 **North** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006343**

Logid:	POLK 50499	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	5	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	17117		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	468	Site id:	ORW400000006343

G32 **North** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006350**

Logid:	POLK 51095	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	5	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	23053		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	463	Site id:	ORW400000006350

H33 **NNW** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006305**

Logid:	POLK 52503	Lstupdate:	08/20/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	250	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006305

I34 **WNW** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORI400000008705**

Well inspe:	45829		
Physical l:	Not Reported	Inspection:	09/08/2008
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	RARDIN, ROB		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96402		
Longitude :	-123.10117		
Gps horizo:	Not Reported		
Year const:	2008		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	SS	Pictures t:	0
Street of :	NEXT TO 3520 ECHO DR NW		
Street of1:	3520 ECHO DR NW		
Last updt :	11/07/2008	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96402		
Newlong:	-123.10117		
Site id:	ORI400000008705		

35
NW
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006258**

Logid:	POLK 51006	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	5	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	33119		
Sownum:	0	Obswell:	N
Recwell:	9	Obsflagall:	ON
Lsdelev:	503	Site id:	ORW400000006258

I36
WNW
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006242**

Logid:	POLK 52823	Lstupdate:	09/30/2008
Establby:	MARC NORTON	Xysource:	GPS
Horizerr:	16	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	96402		
Sownum:	0	Obswell:	C
Recwell:	9	Obsflagall:	OC
Lsdelev:	525	Site id:	ORW400000006242

H37
NNW
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006315**

Logid:	POLK 52066	Lstupdate:	08/21/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	500	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	71036		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006315

Map ID Direction Distance Elevation	Database	EDR ID Number
J38 **West** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006164**

Logid:	POLK 52031	Lstupdate:	08/20/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	65555		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006164

39 **North** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006374**

Logid:	POLK 52395	Lstupdate:	09/24/2007
Establby:	SCOTT JUUL	Xysource:	GPS
Horizerr:	17	Sourceorg:	OWRD
Sourceowrd:	SALEM		
Welltag:	82064		
Sownum:	0	Obswell:	C
Recwell:	9	Obsflagall:	OC
Lsdelev:	349	Site id:	ORW400000006374

K40 **WNW** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006228**

Logid:	POLK 50785	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	510	Site id:	ORW400000006228

K41 **WNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3254460**

Agency cd:	USGS	Site no:	445748123060601
Site name:	07S/03W-18L1		
Latitude:	445747.5	EDR Site id:	USGS3254460
Longitude:	1230605.81	Dec lat:	44.96303569
Dec lon:	-123.10282318	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	053
Country:	US	Land net:	NESWS18 T0700SR0300WW
Location map:	SALEM WEST	Map scale:	24000
Altitude:	510		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	3		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1951
Date inventoried:	19511003	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:	235	Hole depth:	235
Source of depth data:	owner		
Project number:	4741-16800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

K42
WNW
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006235**

Logid:	POLK 52333	Lstupdate:	08/21/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	250	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	78570		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006235

L43
NNW
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006325**

Logid:	POLK 51121	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	7	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	390	Site id:	ORW400000006325

J44
West
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006158**

Logid:	POLK 51136	Lstupdate:	08/21/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	250	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	37335		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006158

L45
NNW
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008741**

Well inspe:	37443		
Physical l:	Not Reported	Inspection:	12/06/2004
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	JUNE S BROTHERS; SMITH, MIKE (C/O)		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported

Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	4600		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	18		
Qtr40:	SW	Qtr160:	NE
Latitude d:	44.96915		
Longitude :	123.09581		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Not Reported	Previous i:	0
Inspected1:	KAW	Wm region:	NW
Well tag a:	BLACK UV NYLON BAND		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	OT	Pictures t:	0
Street of :	GRICE HILL COURT NW, SALEM		
Street of1:	END OF GRICE HILL COURT NW, SALEM		
Last updt :	01/11/2005	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96915		
Newlong:	-123.09581		
Site id:	ORI400000008741		

Map ID Direction Distance Elevation	Database	EDR ID Number
L46 **NNW** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006332**

Logid:	POLK 52081	Lstupdate:	09/19/2007
Establby:	KEN WILKE	Xysource:	GPS
Horizerr:	50	Sourceorg:	OWRD
Sourceowrd:	WELL INSPECTOR		
Welltag:	71048		
Sownum:	0	Obswell:	N
Recwell:	9	Obsflagall:	ON
Lsdelev:	355	Site id:	ORW400000006332

47 **NW** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006307**

Logid:	POLK 51007	Lstupdate:	Not Reported
Establby:	MARC NORTON	Xysource:	GPS
Horizerr:	6	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	33115		
Sownum:	0	Obswell:	N
Recwell:	9	Obsflagall:	ON
Lsdelev:	510	Site id:	ORW400000006307

L48 **NNW** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006338**

Logid:	POLK 51122	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	7	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	400	Site id:	ORW400000006338

49 **NW** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006261**

Logid:	POLK 50109	Lstupdate:	08/20/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	250	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	3429		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006261

Map ID Direction Distance Elevation		Database	EDR ID Number
50 **NW** **1/2 - 1 Mile** **Higher**		**OR WELLS**	**ORW400000006287**

Logid:	POLK 50087	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	10	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	552	Site id:	ORW400000006287

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51 **SSW** **1/2 - 1 Mile** **Higher**		**OR WELLS**	**ORI400000008501**

Well inspe:	42486		
Physical l:	Not Reported	Inspection:	10/18/2006
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	EOLAVIEW LLC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	WELL ABANDONDED. CEMENT @ SURFACE		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	19		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94487		
Longitude :	-123.09392		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	W
Casing cap:	OT	Pictures t:	0
Street of :	3093 GEHLAR RD, SALEM		
Street of1:	3093 GEHLAR RD, SALEM		
Last updt :	12/29/2006	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94487		
Newlong:	-123.09392		
Site id:	ORI400000008501		

52
NNW
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006385**

Logid:	POLK 51577	Lstupdate:	08/16/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006385

Map ID Direction Distance Elevation		Database	EDR ID Number
53 **West** **1/2 - 1 Mile** **Higher**		**OR WELLS**	**ORW400000006149**

Logid:	POLK 52572	Lstupdate:	08/22/2007
Establby:	ZACHARY STARK-MACMILLAN	Xysource:	TAX LOT MAP ONLY
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	87428		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	0	Site id:	ORW400000006149

M54 **North** **1/2 - 1 Mile** **Lower**		**OR WELLS**	**ORI400000008784**

Well inspe:	42100		
Physical l:	Not Reported	Inspection:	07/14/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	BLOEDEL CONSTRUCTION CO		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	1001		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	0		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.97221		
Longitude :	123.08642		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	SS	Pictures t:	-1
Street of :	Not Reported		
Street of1:	0.6 MILE W OF DOAKS FERRY ON BRUSH COLLEGE RD ON S SIDE OF RD		
Last updt :	08/10/2006	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.97221		
Newlong:	-123.08642		
Site id:	ORI400000008784		

M55
North
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006394**

Logid:	POLK 52392	Lstupdate:	09/24/2007
Establby:	SCOTT JUUL	Xysource:	GPS
Horizerr:	15	Sourceorg:	OWRD
Sourceowrd:	SALEM		
Welltag:	82063		
Sownum:	0	Obswell:	C
Recwell:	9	Obsflagall:	OC
Lsdelev:	207	Site id:	ORW400000006394

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97304	35	48.8	0.3	8.2	17

Federal EPA Radon Zone for POLK County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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

Oil and Gas Well Locations
Source: Department of Geology and Mineral Industries
Telephone: 971-673-1540
A listing of oil and gas well locations in the state.

RADON

State Database: OR Radon
Source: Oregon Health Services
Telephone: 503-731-4272
Radon Levels in Orgeon

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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Orchard Heights Park
1201 Orchard Heights RD NW
Salem, OR 97304

Inquiry Number: 3497666.2s
January 17, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

1201 ORCHARD HEIGHTS RD NW
SALEM, OR 97304

COORDINATES

Latitude (North):	44.9563000 - 44˚ 57' 22.68''
Longitude (West):	123.0608000 - 123˚ 3' 38.88''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	495204.2
UTM Y (Meters):	4977880.5
Elevation:	192 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL---------- National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

SWF/LF ..... Solid Waste Facilities List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Engineering Controls Recorded at ESCI Sites

EXECUTIVE SUMMARY

INST CONTROL ..... Institutional Controls Recorded at ESCI Sites

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Program Sites
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ..... Brownfields Projects

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF ..... Old Closed SW Disposal Sites
SWRCY ..... Recycling Facility Location Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
AOCONCERN ..... Columbia Slough
CDL ..... Uninhabitable Drug Lab Properties
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS ..... Spill Database

Other Ascertainable Records

RCRA NonGen / NLR ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
UIC	Underground Injection Control Program Database
MANIFEST	Manifest Information
OR HAZMAT	Hazmat/Incidents
DRYCLEANERS	Drycleaning Facilities
NPDES	Wastewater Permits Database
AIRS	Oregon Title V Facility Listing
HSIS	Hazardous Substance Information Survey
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PRP	Potentially Responsible Parties
EPA WATCH LIST	EPA WATCH LIST
Financial Assurance	Financial Assurance Information Listing
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US FIN ASSUR	Financial Assurance Information
2020 COR ACTION	2020 Corrective Action Program List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH	Coal Ash Disposal Sites Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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 11/19/2012 has revealed that there is 1 OR

CRL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***SSE 1/2 - 1 (0.702 mi.)***	***34***	***28***

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 ECSI list, as provided by EDR, and dated 11/01/2012 has revealed that there are 9 ECSI sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CIRCUIT WORLD INC.	***585 9TH ST NW***	***SE 1/2 - 1 (0.606 mi.)***	***32***	***14***
WESTGATE CLEANERS	***697 WALLACE RD. NW***	***SE 1/2 - 1 (0.691 mi.)***	***33***	***18***
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***SSE 1/2 - 1 (0.702 mi.)***	***34***	***28***
AGRIPAC INC PLT 5	***556 MURLARK AVE NW***	***SSE 1/2 - 1 (0.771 mi.)***	***35***	***40***
Not reported	***845 BASSETT ST NW***	***SSE 1/2 - 1 (0.826 mi.)***	***36***	***47***
Not reported	***325 PATTERSON ST NW***	***SSE 1/2 - 1 (0.829 mi.)***	***37***	***55***
SALEM TENT AND AWNING	***280 WALLACE RD. NW***	***SE 1/2 - 1 (0.905 mi.)***	***38***	***58***
OREGON FRUIT PRODUCTS LLC	***150 PATTERSON ST NW***	***SSE 1/2 - 1 (0.958 mi.)***	***E39***	***62***
CHROME SHOP - EDGEWATER ST. (F	940 EDGEWATER ST. NW	SSE 1/2 - 1 (0.982 mi.)	E40	73

State and tribal leaking storage tank lists

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 10/01/2012 has revealed that there are 31 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK	1370 NW PARKWAY DR	SSW 0 - 1/8 (0.106 mi.)	2	7
HEATING OIL TANK	1315 WEST WAY NW	SSE 1/8 - 1/4 (0.153 mi.)	B6	8
HEATING OIL TANK Cleanup Complete: 04/10/2008	1165 LARKSPUR LN NW	S 1/8 - 1/4 (0.166 mi.)	B8	8
HEATING OIL TANK	1185 LIPINE LAND NW	S 1/8 - 1/4 (0.182 mi.)	B9	9
HEATING OIL TANK Cleanup Complete: 12/28/2001	1555 BEAUMONT ST NW	E 1/8 - 1/4 (0.215 mi.)	10	9
HEATING OIL TANK Cleanup Complete: 12/06/2000	791 ORCHARD HEIGHTS RD	ESE 1/4 - 1/2 (0.270 mi.)	14	10
HEATING OIL TANK Cleanup Complete: 04/20/2006	1586 ORCHARD HEIGHTS RD	NW 1/4 - 1/2 (0.288 mi.)	15	10
HEATING OIL TANK Cleanup Complete: 01/03/2000	1270 VALLEY VIEW NW	SE 1/4 - 1/2 (0.324 mi.)	16	10
HEATING OIL TANK Cleanup Complete: 01/31/1996	945 HILLTOP DRIVE	SSE 1/4 - 1/2 (0.338 mi.)	17	11
HEATING OIL TANK Cleanup Complete: 06/05/2012	1216 REDWOOD ST NW	N 1/4 - 1/2 (0.375 mi.)	C18	11
HEATING OIL TANK Cleanup Complete: 07/05/2005	1266 REDWOOD STREET NW	N 1/4 - 1/2 (0.375 mi.)	C19	11

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK	1127 REDWOOD NW	N 1/4 - 1/2 (0.377 mi.)	20	11
HEATING OIL TANK Cleanup Complete: 10/26/2005	1267 REDWOOD STREET NW	N 1/4 - 1/2 (0.377 mi.)	C21	12
HEATING OIL TANK Cleanup Complete: 09/12/2007	1165 BELAIRE DR NW	SSE 1/4 - 1/2 (0.412 mi.)	22	12
HEATING OIL TANK Cleanup Complete: 12/05/2006	1120 PARKWAY DR NW	SSW 1/4 - 1/2 (0.435 mi.)	24	12
HEATING OIL TANK Cleanup Complete: 03/27/2000	1219 HEMLOCK ST NW	N 1/4 - 1/2 (0.437 mi.)	25	13
HEATING OIL TANK Cleanup Complete: 10/18/2003	1029 HEMLOCK NW	N 1/4 - 1/2 (0.444 mi.)	26	13
HEATING OIL TANK Cleanup Complete: 08/26/2010	1045 PALI DR NW	S 1/4 - 1/2 (0.466 mi.)	27	13
HEATING OIL TANK Cleanup Complete: 02/21/2007	1085 LAVONA DR NW	S 1/4 - 1/2 (0.473 mi.)	D28	13
HEATING OIL TANK Cleanup Complete: 02/15/2007	1075 LAVONA DR NW	S 1/4 - 1/2 (0.473 mi.)	D29	14
HEATING OIL TANK	1080 LAVONA DRIVE NW	S 1/4 - 1/2 (0.475 mi.)	D30	14
HEATING OIL TANK Cleanup Complete: 10/28/2011	770 GLEN CREEK RD NW	SSE 1/4 - 1/2 (0.477 mi.)	31	14

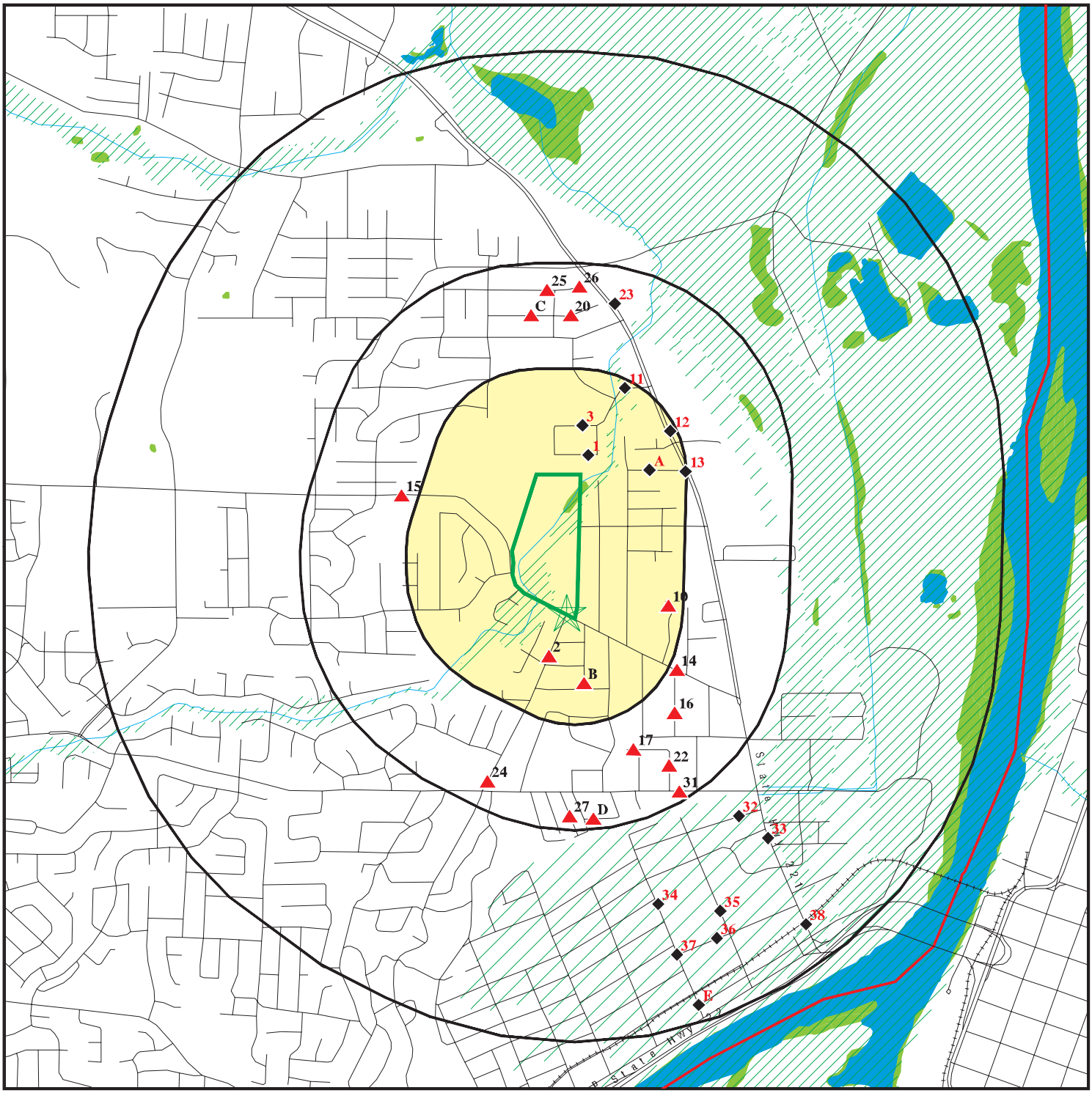
Lower Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK Cleanup Complete: 05/12/2000	1154 HARRITT DRIVE NW	N 0 - 1/8 (0.049 mi.)	1	7
HEATING OIL TANK Cleanup Complete: 07/12/1994	1114 HARRITT	N 0 - 1/8 (0.116 mi.)	3	7
HEATING OIL TANK	850 EMPIRE STREET NW	NNE 1/8 - 1/4 (0.146 mi.)	A4	7
HEATING OIL TANK Cleanup Complete: 12/14/2000	840 EMPIRE ST	NNE 1/8 - 1/4 (0.152 mi.)	A5	8
HEATING OIL TANK Cleanup Complete: 02/13/2001	825 EMPIRE ST NW	NNE 1/8 - 1/4 (0.163 mi.)	A7	8
HEATING OIL TANK Cleanup Complete: 11/02/2000	983 HARRITT DRIVE NW	NNE 1/8 - 1/4 (0.230 mi.)	11	9
HEATING OIL TANK Cleanup Complete: 08/30/2012	1980 WALLACE RD NW	NNE 1/8 - 1/4 (0.235 mi.)	12	9
HEATING OIL TANK Cleanup Complete: 05/11/2010	1815 NW WALLACE RD	NE 1/8 - 1/4 (0.248 mi.)	13	10
HEATING OIL TANK Cleanup Complete: 06/29/2000	REDWOOD & WALLACE RD	N 1/4 - 1/2 (0.412 mi.)	23	12

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
PICTSWEET PROPERTIES (FORMER)	VCP, ECSI
LINDBECK FARM (FORMER)	VCP, ECSI
BPA	AST, HSIS
DERMAC LABS INC	AST, HSIS
HEATING OIL TANK	LUST
CAPITAL MANOR INC	RCRA-CESQG, FINDS
OP&R - HOLMAN STATE PARK	UIC
ORCHARD RIDGE - LINBECK PROPERTY	NPDES
EOLA BEND RV PARK	NPDES

OVERVIEW MAP - 3497666.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

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: Orchard Heights Park ADDRESS: 1201 Orchard Heights RD NW Salem OR 97304 LAT/LONG: 44.9563 / 123.0608	CLIENT: Ecology and Environment CONTACT: Derek Pulvino INQUIRY #: 3497666.2s DATE: January 17, 2013 2:32 pm

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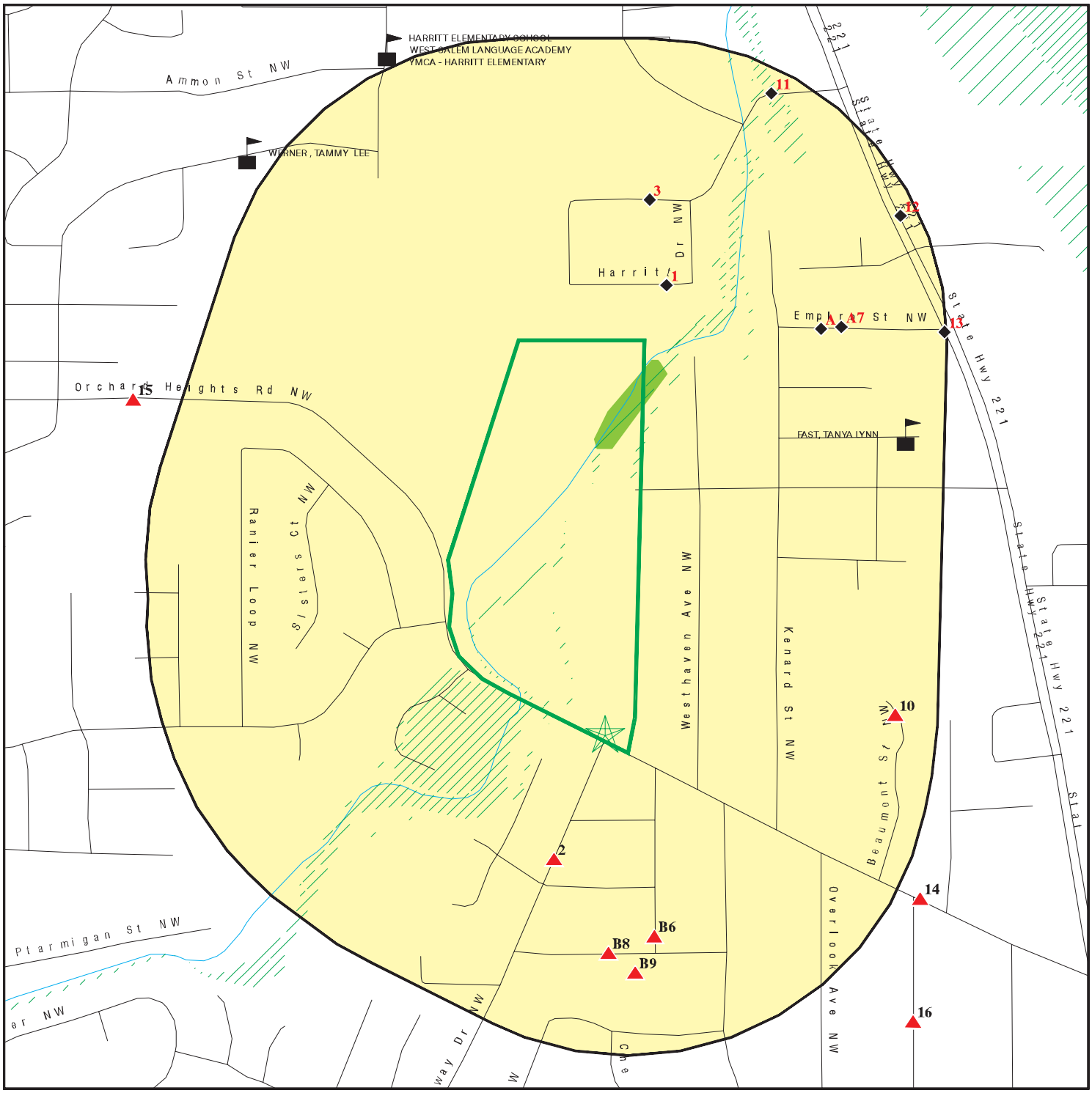
DETAIL MAP - 3497666.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

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:	Orchard Heights Park	CLIENT:	Ecology and Environment
ADDRESS:	1201 Orchard Heights RD NW Salem OR 97304	CONTACT:	Derek Pulvino
		INQUIRY #:	3497666.2s
LAT/LONG:	44.9563 / 123.0608	DATE:	January 17, 2013 2:32 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
OR CRL	1.000		0	0	0	1	NR	1
ECSI	1.000		0	0	0	9	NR	9
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		3	10	18	NR	NR	31
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
OR HAZMAT	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HSIS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
1 **North** **< 1/8** **0.049 mi.** **260 ft.**	**HEATING OIL TANK** **1154 HARRITT DRIVE NW** **SALEM, OR 97304**	**LUST**	**S102417938** **N/A**

Relative:
Lower

Actual:
166 ft.

LUST:

Region:	Western Region
Facility ID:	27-96-4025
Cleanup Received Date:	02/16/1996
Cleanup Start Date:	03/31/1998
Cleanup Complete Date:	**05/12/2000**

---

2 **SSW** **< 1/8** **0.106 mi.** **558 ft.**	**HEATING OIL TANK** **1370 NW PARKWAY DR** **SALEM, OR 97304**	**LUST**	**S110292706** **N/A**

Relative:
Higher

Actual:
199 ft.

LUST:

Region:	Western Region
Facility ID:	27-10-0139
Cleanup Received Date:	02/25/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

---

3 **North** **< 1/8** **0.116 mi.** **615 ft.**	**HEATING OIL TANK** **1114 HARRITT** **SALEM, OR 97304**	**LUST**	**S102076411** **N/A**

Relative:
Lower

Actual:
168 ft.

LUST:

Region:	Western Region
Facility ID:	27-94-4056
Cleanup Received Date:	05/20/1994
Cleanup Start Date:	06/06/1994
Cleanup Complete Date:	**07/12/1994**

A4 **NNE** **1/8-1/4** **0.146 mi.** **772 ft.**	**HEATING OIL TANK** **850 EMPIRE STREET NW** **SALEM, OR 97304** **Site 1 of 3 in cluster A**	**LUST**	**S103839711** **N/A**

Relative:
Lower

Actual:
173 ft.

LUST:

Region:	Western Region
Facility ID:	27-96-4111
Cleanup Received Date:	07/02/1996
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

A5
NNE
1/8-1/4
0.152 mi.
805 ft.

HEATING OIL TANK
840 EMPIRE ST
SALEM, OR 97304

Site 2 of 3 in cluster A

LUST **S104820488**
N/A

Relative:
Lower

Actual:
173 ft.

LUST:

Region:	Western Region
Facility ID:	27-00-6258
Cleanup Received Date:	11/02/2000
Cleanup Start Date:	11/02/2000
Cleanup Complete Date:	**12/14/2000**

B6
SSE
1/8-1/4
0.153 mi.
808 ft.

HEATING OIL TANK
1315 WEST WAY NW
SALEM, OR 97304

Site 1 of 3 in cluster B

LUST **S102590374**
N/A

Relative:
Higher

Actual:
229 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4102
Cleanup Received Date:	06/30/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

A7
NNE
1/8-1/4
0.163 mi.
862 ft.

HEATING OIL TANK
825 EMPIRE ST NW
SALEM, OR 97304

Site 3 of 3 in cluster A

LUST **S104908273**
N/A

Relative:
Lower

Actual:
176 ft.

LUST:

Region:	Western Region
Facility ID:	27-01-5100
Cleanup Received Date:	01/16/2001
Cleanup Start Date:	01/13/2001
Cleanup Complete Date:	**02/13/2001**

B8
South
1/8-1/4
0.166 mi.
875 ft.

HEATING OIL TANK
1165 LARKSPUR LN NW
SALEM, OR 97304

Site 2 of 3 in cluster B

LUST **S109052077**
N/A

Relative:
Higher

Actual:
220 ft.

LUST:

Region:	Western Region
Facility ID:	27-08-0287
Cleanup Received Date:	03/19/2008
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**04/10/2008**

B9
South
1/8-1/4
0.182 mi.
959 ft.

HEATING OIL TANK — **LUST** — **S100921328**
1185 LIPINE LAND NW — **N/A**
SALEM, OR 97304

Site 3 of 3 in cluster B

Relative:
Higher

Actual:
227 ft.

LUST:

Region:	Western Region
Facility ID:	27-94-4048
Cleanup Received Date:	05/12/1994
Cleanup Start Date:	04/05/1994
Cleanup Complete Date:	**Not reported**

10
East
1/8-1/4
0.215 mi.
1135 ft.

HEATING OIL TANK — **LUST** — **S105154669**
1555 BEAUMONT ST NW — **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
300 ft.

LUST:

Region:	Western Region
Facility ID:	27-01-8187
Cleanup Received Date:	10/11/2001
Cleanup Start Date:	10/10/2001
Cleanup Complete Date:	**12/28/2001**

11
NNE
1/8-1/4
0.230 mi.
1213 ft.

HEATING OIL TANK — **LUST** — **S103839709**
983 HARRITT DRIVE NW — **N/A**
SALEM, OR 97304

Relative:
Lower

Actual:
155 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4167
Cleanup Received Date:	11/14/1997
Cleanup Start Date:	11/14/1997
Cleanup Complete Date:	**11/02/2000**

12
NNE
1/8-1/4
0.235 mi.
1243 ft.

HEATING OIL TANK — **LUST** — **S112225613**
1980 WALLACE RD NW — **N/A**
SALEM, OR 97304

Relative:
Lower

Actual:
173 ft.

LUST:

Region:	Western Region
Facility ID:	27-12-0900
Cleanup Received Date:	08/03/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**08/30/2012**

13
NE
1/8-1/4
0.248 mi.
1310 ft.

HEATING OIL TANK
1815 NW WALLACE RD
SALEM, OR 97304

LUST **S110292684**
N/A

Relative:
Lower

Actual:
187 ft.

LUST:
Region: Western Region
Facility ID: 27-10-0169
Cleanup Received Date: 03/07/2010
Cleanup Start Date: Not reported
Cleanup Complete Date: 05/11/2010

14
ESE
1/4-1/2
0.270 mi.
1424 ft.

HEATING OIL TANK
791 ORCHARD HEIGHTS RD NW
SALEM, OR 97304

LUST **S104820485**
N/A

Relative:
Higher

Actual:
246 ft.

LUST:
Region: Western Region
Facility ID: 27-00-5887
Cleanup Received Date: 09/15/2000
Cleanup Start Date: 09/12/2000
Cleanup Complete Date: 12/06/2000

15
NW
1/4-1/2
0.288 mi.
1522 ft.

HEATING OIL TANK
1586 ORCHARD HEIGHTS RD NW
SALEM, OR 97304

LUST **S107596348**
N/A

Relative:
Higher

Actual:
287 ft.

LUST:
Region: Western Region
Facility ID: 27-06-0059
Cleanup Received Date: 01/04/2006
Cleanup Start Date: 01/05/2006
Cleanup Complete Date: 04/20/2006

16
SE
1/4-1/2
0.324 mi.
1709 ft.

HEATING OIL TANK
1270 VALLEY VIEW NW
SALEM, OR 97304

LUST **S104304635**
N/A

Relative:
Higher

Actual:
278 ft.

LUST:
Region: Western Region
Facility ID: 27-99-4178
Cleanup Received Date: 12/21/1999
Cleanup Start Date: 12/13/1999
Cleanup Complete Date: 01/03/2000

17 SSE 1/4-1/2 0.338 mi. 1784 ft. | **HEATING OIL TANK 945 HILLTOP DRIVE SALEM, OR 97304** | **LUST** | **S103839714 N/A**

Relative: Higher
Actual: 271 ft.

LUST:

Region:	Western Region
Facility ID:	27-95-4042
Cleanup Received Date:	03/23/1995
Cleanup Start Date:	03/14/1995
Cleanup Complete Date:	**01/31/1996**

C18 North 1/4-1/2 0.375 mi. 1980 ft. | **HEATING OIL TANK 1216 REDWOOD ST NW SALEM, OR 97304** | **LUST** | **S111834835 N/A**

Site 1 of 3 in cluster C

Relative: Higher
Actual: 205 ft.

LUST:

Region:	Western Region
Facility ID:	27-12-0174
Cleanup Received Date:	02/27/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**06/05/2012**

C19 North 1/4-1/2 0.375 mi. 1981 ft. | **HEATING OIL TANK 1266 REDWOOD STREET NW SALEM, OR 97304** | **LUST** | **S107134910 N/A**

Site 2 of 3 in cluster C

Relative: Higher
Actual: 209 ft.

LUST:

Region:	Western Region
Facility ID:	24-05-0897
Cleanup Received Date:	05/04/2005
Cleanup Start Date:	05/06/2005
Cleanup Complete Date:	**07/05/2005**

---

20 North 1/4-1/2 0.377 mi. 1990 ft. | **HEATING OIL TANK 1127 REDWOOD NW SALEM, OR 97304** | **LUST** | **S102521083 N/A**

Relative: Higher
Actual: 198 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4012
Cleanup Received Date:	01/16/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

C21
North
1/4-1/2
0.377 mi.
1990 ft.

HEATING OIL TANK — **LUST** — **S107466124**
1267 REDWOOD STREET NW — **N/A**
SALEM, OR 97304

Site 3 of 3 in cluster C

Relative:
Higher

Actual:
208 ft.

LUST:

Region:	Western Region
Facility ID:	27-05-1953
Cleanup Received Date:	09/09/2005
Cleanup Start Date:	09/12/2005
Cleanup Complete Date:	**10/26/2005**

22
SSE
1/4-1/2
0.412 mi.
2174 ft.

HEATING OIL TANK — **LUST** — **S108573021**
1165 BELAIRE DR NW — **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
237 ft.

LUST:

Region:	Western Region
Facility ID:	27-07-0651
Cleanup Received Date:	05/11/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**09/12/2007**

23
North
1/4-1/2
0.412 mi.
2174 ft.

HEATING OIL TANK — **LUST** — **S102778838**
REDWOOD & WALLACE RD — **N/A**
SALEM, OR 97304

Relative:
Lower

Actual:
183 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4106
Cleanup Received Date:	07/03/1997
Cleanup Start Date:	07/03/1997
Cleanup Complete Date:	**06/29/2000**

24
SSW
1/4-1/2
0.435 mi.
2298 ft.

HEATING OIL TANK — **LUST** — **S108573033**
1120 PARKWAY DR NW — **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
289 ft.

LUST:

Region:	Western Region
Facility ID:	27-06-1839
Cleanup Received Date:	10/15/2006
Cleanup Start Date:	10/16/2006
Cleanup Complete Date:	**12/05/2006**

25
North
1/4-1/2
0.437 mi.
2305 ft.

HEATING OIL TANK
1219 HEMLOCK ST NW
SALEM, OR 97304

LUST **S102076269**
N/A

Relative:
Higher

Actual:
196 ft.

LUST:

Region:	Western Region
Facility ID:	27-94-4087
Cleanup Received Date:	07/08/1994
Cleanup Start Date:	07/18/1994
Cleanup Complete Date:	**03/27/2000**

26
North
1/4-1/2
0.444 mi.
2346 ft.

HEATING OIL TANK
1029 HEMLOCK NW
SALEM, OR 97304

LUST **S105711594**
N/A

Relative:
Higher

Actual:
193 ft.

LUST:

Region:	Western Region
Facility ID:	27-02-0966
Cleanup Received Date:	09/21/2002
Cleanup Start Date:	09/13/2002
Cleanup Complete Date:	**10/18/2003**

27
South
1/4-1/2
0.466 mi.
2460 ft.

HEATING OIL TANK
1045 PALI DR NW
SALEM, OR 97304

LUST **S110510075**
N/A

Relative:
Higher

Actual:
252 ft.

LUST:

Region:	Western Region
Facility ID:	27-10-0406
Cleanup Received Date:	05/04/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**08/26/2010**

D28
South
1/4-1/2
0.473 mi.
2497 ft.

HEATING OIL TANK
1085 LAVONA DR NW
SALEM, OR 97304

Site 1 of 3 in cluster D

LUST **S108572985**
N/A

Relative:
Higher

Actual:
229 ft.

LUST:

Region:	Western Region
Facility ID:	27-06-1925
Cleanup Received Date:	10/31/2006
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**02/21/2007**

D29
South
1/4-1/2
0.473 mi.
2500 ft.

HEATING OIL TANK
1075 LAVONA DR NW
SALEM, OR 97304

Site 2 of 3 in cluster D

LUST **S108572907**
N/A

Relative:
Higher

Actual:
229 ft.

LUST:

Region:	Western Region
Facility ID:	27-06-1924
Cleanup Received Date:	10/31/2006
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**02/15/2007**

D30
South
1/4-1/2
0.475 mi.
2508 ft.

HEATING OIL TANK
1080 LAVONA DRIVE NW
SALEM, OR 97304

Site 3 of 3 in cluster D

LUST **S102778839**
N/A

Relative:
Higher

Actual:
228 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4121
Cleanup Received Date:	08/01/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

31
SSE
1/4-1/2
0.477 mi.
2516 ft.

HEATING OIL TANK
770 GLEN CREEK RD NW
SALEM, OR 97304

LUST **S111332712**
N/A

Relative:
Higher

Actual:
202 ft.

LUST:

Region:	Western Region
Facility ID:	27-11-0917
Cleanup Received Date:	09/06/2011
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/28/2011**

32
SE
1/2-1
0.606 mi.
3199 ft.

CIRCUIT WORLD INC.
585 9TH ST NW
SALEM, OR 97304

FINDS **1006857381**
ECSI **N/A**

Relative:
Lower

Actual:
148 ft.

FINDS:

Registry ID: 110014198064

Environmental Interest/Information System
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.

CIRCUIT WORLD INC. (Continued) **1006857381**

ECSI:

State ID Number:	356	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	9017	Further Action:	0
Lat/Long (dms):	44 56 58.00 / -123 3 9.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	6400	Size:	8,750 sq. ft.
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	07/10/2008

Hazardous Release:

Substance ID.:	121737
Haz Release ID:	383794
Qty Released:	unknown
Date Released:	unknown
Update Date:	01/09/1988
Update By:	Not reported
Substance Code:	7697-37-2
Substance Name:	NITRIC ACID
Substance Abbrev.:	Not reported
Substance Alias ID:	319462
Sub Alias Name:	AQUAFORTIS
Comment ID:	303955
Release Code:	Data Sources
Release Comments:	DEQ inspector observation 9-6-84
Sampling Result ID:	346256
Feature Id:	Not reported
Hazard Release Id:	383794
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	Not reported
Observation:	True
Owner Operator:	False
Lab Data:	False
Sample Depth:	Not reported
Start Date:	Not reported
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	pH <2
Last Update By:	kpd
Update Date:	06/03/1996

Narrative:

NARR ID:	5728888
NARR Code:	Contamination
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	Not reported
Updated Date:	12/17/2002
NARR Comments:	(9/1/88 MMD/SAS) On September 6, 1984, a City of Salem inspector observed puddles of blue liquid at the site. The pH of the puddles was less than 2. A DEQ inspector also observed that chemicals had been allowed to discharge into a storm water basin. A Notice of

CIRCUIT WORLD INC. (Continued) **1006857381**

Violation (NOV) was issued 9/25/84. There is no record of additional sampling or cleanup at the site.

NARR ID: 5728889
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Inspection reports. Photos.

NARR ID: 5728890
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: nitric acid

NARR ID: 5746248
NARR Code: Remedial Action
Created By: SNICHOL
Created Date: 02/08/2005
Updated By: SNICHOL
Updated Date: 02/08/2005
NARR Comments: There is insufficient information to determine whether there was a significant release of hazardous substances to soil or water at the former Circuit World, Inc. site. If there was a release it appears the most likely impacts would have been to the drainage ditch or Willamette River, but that residual contamination in these areas, if any, is unlikely to pose a significant threat to human health or the environment. Based on existing information, it appears the Site was in compliance with DEQ regulation and standards in place in 1984. Therefore, DEQ has determined that unless additional information becomes available justifying further investigation, no further action is required under the Environmental Cleanup Program. This determination applies only to the acidic waste issue addressed in the 1984 DEQ Notice of Violation and this Strategy Recommendation.

Administrative Action:

Admin ID:	721922	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724002	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

CIRCUIT WORLD INC. (Continued) **1006857381**

Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703245	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/01/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	0
Employee Id:	566	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729822	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729823	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729825	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	718301	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/01/1988	Complete Date:	Not reported

CIRCUIT WORLD INC. (Continued) **1006857381**

Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	131778
Operation Status:	Inactive
Common Name:	Circuit World Inc.
Yrs of Operation:	Not reported
Comments:	Electroplating
Updated Date:	03/16/1995
Operations SIC Id:	195315
SIC Code:	3471
Created By:	Not reported
Created Date:	12/17/2002

33
SE
1/2-1
0.691 mi.
3646 ft.

Relative:
Lower

Actual:
144 ft.

WESTGATE CLEANERS **ENG CONTROLS** **1004365358**
697 WALLACE RD. NW **DRYCLEANERS** **N/A**
SALEM, OR 97304 **ECSI**

OR ENG CONTROL:

Site Control Sequence #:	530
Site Id:	3001
Control Sequence #:	34
Begin Date:	03/05/2007
End Date:	Not reported
Frequency Of Review:	12
Last Reviewed By:	Hanson
Last Review Date:	01/09/2009
Last Updated By:	DHANSON
Last Updated Date:	01/09/2009
Group Sequence #:	8
Control Code:	LS
Control Description:	Liner, synthetic
FK Type Code:	2
Group Code:	SSB
Group Description:	Subsurface Barriers
Type Code:	E
Type Description:	Engineering
Comments:	Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

DRYCLEANERS:

Dry Cleaner ID:	422
Phone ID:	503 364-8900
Current Status:	Closed
Last Update:	11/6/2006
DEQID:	ORD085250413

WESTGATE CLEANERS (Continued) **1004365358**

Latitude: 44.9480012
Longitude: -123.05149

ECSI:

State ID Number:	3001	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	833	Investigation:	Suspect
FACA ID:	41204	Further Action:	258
Lat/Long (dms):	44 56 52.80 / -123 3 5.40	County Code:	27.00
Score Value:	98	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	DHANSON	Update Date:	01/09/2009

Hazardous Release:

Substance ID.: 121011
Haz Release ID: 379688
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE

WESTGATE CLEANERS (Continued) **1004365358**

Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 338339
Feature Id: Not reported
Hazard Release Id: 379688
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 8,900 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121781
Haz Release ID: 379689
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE

WESTGATE CLEANERS (Continued) **1004365358**

Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 338340
Feature Id: Not reported
Hazard Release Id: 379689
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 149 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121124
Haz Release ID: 379690
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 156-59-2
Substance Name: DICHLOROETHYLENE,1,2-CIS-
Substance Abbrev.: Not reported
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317200
Sub Alias Name: ACETYLENE DICHLORIDE,CIS-
Substance Alias ID: 317201
Sub Alias Name: DICHLOROETHENE,CIS-
Substance Alias ID: 317202
Sub Alias Name: DICHLOROETHYLENE,CIS-
Substance Alias ID: 317203
Sub Alias Name: DICHLOROETHENE,1,2-CIS-
Sampling Result ID: 337613
Feature Id: Not reported
Hazard Release Id: 379690
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False

WESTGATE CLEANERS (Continued) **1004365358**

Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 124 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121712
Haz Release ID: 379691
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 75-71-8
Substance Name: DICHLORODIFLUOROMETHANE
Substance Abbrev.: Not reported
Substance Alias ID: 319390
Sub Alias Name: ARCTON 6
Substance Alias ID: 319391
Sub Alias Name: DIFLUORODICHLOROMETHANE
Substance Alias ID: 319392
Sub Alias Name: FREON 12
Substance Alias ID: 319393
Sub Alias Name: FRIGEN 12
Substance Alias ID: 319394
Sub Alias Name: GENETRON 12
Substance Alias ID: 319395
Sub Alias Name: HALON
Substance Alias ID: 319396
Sub Alias Name: ISOTRON 12
Substance Alias ID: 319397
Sub Alias Name: METHANE,DICHLORODIFLUORO-
Sampling Result ID: 338341
Feature Id: Not reported
Hazard Release Id: 379691
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 77.6 ppb
Last Update By: kpd
Update Date: 03/01/2001

Narrative:
NARR ID: 5741160
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002

WESTGATE CLEANERS (Continued) **1004365358**

Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: (4/30/2003 NS/SRS) The Westgate Shopping Center was constructed in the early 1950s in west Salem. Dry cleaning has occurred at the site since at least 1963. In June 2000, the City of Salem detected perchloroethene (PCE) in storm sewer and sanitary sewer lines downgradient of Westgate Cleaners. PCE is a solvent commonly used by dry cleaners. The shopping center retained Evergreen Environmental Management (EEM) to investigate the source of the PCE. EEM sampled soil and groundwater from nine boreholes that they installed along the drain lines throughout the shopping center in November 2000. Groundwater contamination was found in eight of the nine sample locations. The direction of groundwater flow and full extent of the contamination have not been determined. Westgate Cleaners applied to DEQ's Dry Cleaner Environmental Response program in February 2001 and was accepted a month later.

NARR ID: 5741161
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: January 2001 Evergreen Environmental Management Soil and Groundwater Characterization report.

NARR ID: 5741162
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Perchloroethene (PCE) and degradation products.

NARR ID: 5741163
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Located in the Westgate Shopping Center in west Salem.

NARR ID: 5741164
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Dry-cleaning solvent appears to have leaked from storm sewer drain lines in at least two separate locations in the Westgate Shopping Center. Other past and present sources of PCE have not been ruled out, however.

NARR ID: 5741165
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002

WESTGATE CLEANERS (Continued) **1004365358**

Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Westgate Cleaners was operated by Won Kyu Park & Woo Ja Park from June 1983 to February 1994, and Joon Park & Young Park from February 1994 to the present.

NARR ID: 5741166
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: The site is located across the Willamette River from Salem proper. The river is about 2,000 feet south of the site. Soil at the site is brown clayey silt to about 15 ft bgs, where it grades into a sand and gravel aquifer at about 18 ft bgs. The shallow groundwater flow direction has not been determined. Deeper groundwater is used by a handful of residents in the area. A community well serving the City of Salem was located near the site but was decommissioned in the late 1990s.

NARR ID: 5741167
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: NSAWKA
Updated Date: 06/22/2006
NARR Comments: (4/30/2003 NS/DC) DEQ retained Hart Crowser in June 2001 to conduct a focused Site Investigation at Westgate Cleaners. Soil and groundwater samples were collected from beneath Westgate Cleaners and from around the shopping center complex. The Site Investigation report was completed in April 2002. DEQ is currently monitoring groundwater at the site and evaluating various removal actions that may be taken. (2-09-05/NS/DC) DEQ conducted indoor air monitoring of the adjacent buildings including the former Coastal Hardware Store, Ideal Tile, Mexican Restaraunt and the West Salem Kids Care Daycare in August and November 2003. The results indicated elevated levels of PCE and TCE in the air of these buildings. IRAM actions were implemented in October and December 2003 in the daycare building to mitigate the migration of these contaminants. Two air purifiers with carbon filters were placed inside the building to help remove the PCE and TCE contaminants. Upgrades were made to the HVAC system to increase air circulation. Subsequent air sampling indicated that the IRAM's were working effectively to reduce the concentrations of contaminants in the air. The hardware store was vacated at the time of the sampling. The Mexican restaraunt later vacated due to the owner's plans to redevelop the shopping center and Ideal Tile is expected to vacate in the near future. The owner plans to demolish the existing shopping center and re-build a new one. DEQ is currently coordinating with the owner and developer to conduct a limited cleanup at the site during the demolition. This is expected to commence sometime between April and the summer of 2005. (7/27/05/NS/DC)The owner is in the process of demolishing and rebuil ding the shoppping center. Because of the construction activities, the owner was required to abandon osnite monitoring wells HC-1, 2, 3, 5 and 101. New wells will be constructed by DEQ upon completion of the new shopping center. The former Westgate Dry cleaner building

WESTGATE CLEANERS (Continued) **1004365358**

and coastal farms store have been demolished. DEQ's contractor (Hart Crowser) conducted a focussed source area investigation (SAI) by the dry cleaner on July 6&7, 2005. The purpose of the SAI is to delineate and define the extent of the source area from the dry cleaner to evaluate appropriate IRAM actions for removing, treating and disposing of source area soils from around and beneath the dry cleaners. Hart Crowser is in the process of developing an IRAM work plan based on the SAI results. The work plan will be submitted to DEQ by the end of July and IRAM activities implemented in August.
(6/22/06/NS/DC) An IRAM was implemented in October 2005 where abo ut 200 tons of contaminated soils were removed from the source area. About 50 tons of the soil was determined to be non-hazardous waste and disposed of at a subtitle D landfill. The reamaining soils are undergoing onsite treatment to reduce the levels of hazardous constituents. Treatment is expected to be completed by the end of this month (end of June 2006). Depending on the final levels, the soil will either be disposed of at a Subtitle D landfill or re-used on site for fill base.

NARR ID: 5741168
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: Shallow groundwater at the Westgate Shopping Center is contaminated with PCE and associated breakdown products. Contamination has been detected across the shopping center complex but appears to be concentrated along sanitary and storm sewer drain lines beneath the parking lots. The full extent of contamination has not been determined; whether it extends under the shopping center buildings, and thus poses a potential vapor threat to those buildings, is not known.

NARR ID: 5751117
NARR Code: 1922
Created By: DHANSON
Created Date: 01/09/2009
Updated By: DHANSON
Updated Date: 12/17/2010
NARR Comments: Westgate Cleaners operated in the Westgate shopping center until 2005 when it closed and relocated. In 2005 the DEQ Dry Cleaner Program conducted a Removal Action consisting of soil excavation and treatment at the location of the former cleaners. Following this cleanup action the shopping center was redeveloped in a new configuration. At one building at the new shopping center, DEQ installed a subsurface venting and vapor barrier system, in a cooperative effot with the site owner and developer, to prevent residual dry cleaning solvent vapors from impacting the airspace inside the new building. Subsequent testing of the building air showed that vapor intrision is currently not a problem in this area. Additional monitoring needs to be conducted by DEQ before the site can attain closure under the Cleanup Program rules.

Site Control:
Site Control #: 530
Control Number: 34

WESTGATE CLEANERS (Continued) **1004365358**

Begin Date: 03/05/2007
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: Hanson
Last Reviewed Date: 01/09/2009
Last Update By: DHANSON
Last Updated Date: 01/09/2009
Site Comment: Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

Administrative Action:

Admin ID:	736050	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/24/2005	Complete Date:	11/13/2006
Substance Code:	srs	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Soil removal at the location of the former dry cleaners		

Admin ID:	736051	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/23/2007	Complete Date:	03/05/2007
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Installed sub slab vapor recovery system with engineered vapor barrier beneath Shops B at the new shopping center (approx. former location of West Salem KidCare)		

Admin ID:	736052	Action ID:	9450
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/06/2007	Complete Date:	Not reported
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	OM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	OPERATION and MAINTENANCE		
Further Action:	Medium		
Comments:	Maintain and monitor effectiveness of Shops B vapor mitigation system as needed		

Admin ID:	726108	Action ID:	9492
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/25/2002	Complete Date:	10/25/2005
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False

WESTGATE CLEANERS (Continued) **1004365358**

Created By:	KDANA	Created Date:	05/06/2003
Action Code:	RMA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL ASSESSMENT		
Further Action:	High-Medium		
Comments:	Evaluating removal alternatives to address high levels of PCE at former cleaners prior to site redevelopment		

Admin ID:	701309	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/04/2001	Complete Date:	04/30/2002
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2340	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	703664	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/01/2001	Complete Date:	Not reported
Substance Code:	CPD	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703665	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/26/2001	Complete Date:	02/28/2001
Substance Code:	SRS	Rank Value:	0
Employee Id:	583	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	134194
Operation Status:	Active
Common Name:	Westgate Cleaners
Yrs of Operation:	1963 to present
Comments:	dry cleaner
Updated Date:	05/06/2003
Operations SIC Id:	197492
SIC Code:	7216
Created By:	Not reported
Created Date:	12/17/2002

34 SSE 1/2-1 0.702 mi. 3706 ft.

Relative: Lower

Actual: 148 ft.

GNB TECHNOLOGIES
576 PATTERSON AVE
SALEM, OR 97304

RCRA NonGen / NLR
FINDS
OR CRL
UST
INST CONTROL
VCP
ECSI

1000119342
ORD009035684

RCRA NonGen / NLR:

Date form received by agency:	05/06/2002
Facility name:	GNB TECHNOLOGIES
Facility address:	576 PATTERSON AVE SALEM, OR 97304
EPA ID:	ORD009035684
Mailing address:	PO BOX 250 FRISCO, TX 95034
Contact:	SKIP MESHELLE
Contact address:	13806 NE AIRPORT WAY PORTLAND, OR 97230
Contact country:	US
Contact telephone:	(503) 362-3648
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GNB TECHNOLOGIES INC
Owner/operator address:	375 NORTHRIDGE ROAD ATLANTA, GA 30350
Owner/operator country:	US
Owner/operator telephone:	(770) 551-0300
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/06/2002
Owner/Op end date:	Not reported

Owner/operator name:	GNB TECHNOLOGIES INC
Owner/operator address:	375 NORTHRIDGE ROAD ATLANTA, GA 30350
Owner/operator country:	US
Owner/operator telephone:	(770) 551-0300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/06/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

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

GNB TECHNOLOGIES (Continued) **1000119342**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/20/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 05/19/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/19/1999
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 04/01/1997
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/01/1996
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/02/1995
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/16/1994
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/24/1993
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/21/1992
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/15/1990
Facility name: GNB TECHNOLOGIES
Site name: GNB INCORPORATED
Classification: Large Quantity Generator

Date form received by agency: 07/23/1982
Facility name: GNB TECHNOLOGIES
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

GNB TECHNOLOGIES (Continued) **1000119342**

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	12/20/1990
Date achieved compliance:	07/05/1991
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	01/09/1991
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	0
Final penalty amount:	0
Paid penalty amount:	0

Evaluation Action Summary:

Evaluation date:	12/20/1990
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - General
Date achieved compliance:	07/05/1991
Evaluation lead agency:	State

FINDS:

Registry ID: 110002149390

Environmental Interest/Information System

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.

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

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.

CRL:

Facility ID:	358
Location ID:	1130
Status Code:	LIS
Facility Status:	No Further Action (Conditional)
Lat/Long:	44.9461 / -123.0561

UST:

Facility ID: 4338

GNB TECHNOLOGIES (Continued) **1000119342**

Facility Telephone: (503) 362-3647
Permittee Name: EARL PETERSON, PLANT MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

OR INSTUTIONAL CONTROL:
Site Control Sequence #: 176
Site Id: 358
Control Sequence #: 5
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Review Date: 09/01/1999
Last Updated By: GWISTAR
Last Updated Date: 08/15/2008
Group Sequence #: 2
Control Code: USL
Control Description: Use Restriction Land
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Site is limited to industrial or commercial use only.

Site Control Sequence #: 175
Site Id: 358
Control Sequence #: 3
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Review Date: 09/01/1999
Last Updated By: GWISTAR
Last Updated Date: 07/17/2003
Group Sequence #: 2
Control Code: EES
Control Description: Easement Equitable Servitude
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: EE&S filed w/Polk County - restricts management of excavated soils, and limits land use options.

VCS:
ECS Site ID: 358
CRL: LIS
Facility Size: 4 acres
Action: No Further Action (Conditional)
Start Date: 11/17/1999
End Date: 11/17/1999

GNB TECHNOLOGIES (Continued) **1000119342**

Project Manager Name: Marilyn Daniel
Program: VCP

ECSI:

State ID Number:	358	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Listed on the CRL/Inventory
FACA ID:	1130	Further Action:	0
Lat/Long (dms):	44 56 46.00 / -123 3 22.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1100	Size:	4 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	12/06/2007
Alias Name:	Gould Battery		

Hazardous Release:

Substance ID.:	121982
Haz Release ID:	383796
Qty Released:	unknown
Date Released:	Unknown
Update Date:	01/09/1988
Update By:	Not reported
Substance Code:	ECD169
Substance Name:	DIESEL - FUEL OIL
Substance Abbrev.:	Not reported
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Comment ID:	303958
Release Code:	Data Sources
Release Comments:	DEQ observation 5-4-88
Sampling Result ID:	345137
Feature Id:	Not reported
Hazard Release Id:	383796
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	Not reported
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	01/01/1993
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	2400 ppm
Last Update By:	CONV

GNB TECHNOLOGIES (Continued) **1000119342**

Update Date: 09/13/1994

Substance ID.: 121639
Haz Release ID: 383797
Qty Released: Unknown
Date Released: Unknown
Update Date: 01/09/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303957
Release Code: Data Sources
Release Comments: GNB Inc Letter and lab report-directed to DEQ on 11-19-85
Sampling Result ID: 346258
Feature Id: Not reported
Hazard Release Id: 383797
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1,800 ppm
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5728897
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: In 11/85, appproximately 5,000-6,000 lbs of lead oxide were released when a pressure valve on a delivery truck malfunctioned during unloading. Surface soil samples were subsequently collected around the site; up to 1,700 ppm lead was detected. DEQ gave provisional sign off after a partial cleanup was completed. In 5/88, an underground pipe was damaged, releasing diesel to subsurface soils. During cleanup, workers encountered a heating oil tank associated

GNB TECHNOLOGIES (Continued) **1000119342**

with the pipeline. GNB removed some petroleum-contaminated soils in 1988. In 2/91, DEQ notified GNB that the Dept. planned to conduct a PA and offered GNB the opportunity to do it themselves with VCP oversight. GNB entered the VCP in June 1991, submitted a PA and soil sampling plan in June 1991, implemented the plan in January 1993, and submitted the data report in March 1993. GNB decommissioned all battery manufacturing equipment and associated process lines in August and September 1993. They installed four groundwater monitoring wells in January 1994; installed a fifth well and collected additional soil samples in October 1994; and collected additional soil samples in September 1995 to complete the characterization. There appears to be limited lead contamination in subsurface soils and none in groundwater. Lead contaminated soils were removed to depths of approximately 3-8 ft in two smll areas at the site in June 1998. All 5 monitoring wells abandoned in June 1998. Residual concentrations of lead in soils do not exceed the Industrial Maximum Allowable Soil Concentration (2,000 mg/Kg). An Equitable Servitude and Easement was filed in Polk County as an attachment to the property deed in Sept. 1999 as notice re: the presence of lead above residential standards. Otherwise, no further action is required.

NARR ID: 5728898
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: ECP Files - WR Eugene

NARR ID: 5728899
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: lead oxide dust, diesel fuel

NARR ID: 5728900
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead oxide released when pressure valve of delivery truck malfunctioned (11/85); diesel released when underground heating oil tank line ruptured (5/88); battery manufacturing processes may have contributed to on-site lead releases (1945-1989).

NARR ID: 5728901
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Company changed ownership and name in early 1984 from Gould, Inc. to GNB Batteries, Inc.

GNB TECHNOLOGIES (Continued) **1000119342**

NARR ID: 5728902
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead is present above residential standards in on-site soils; but is not present in groundwater. The site is located in a residential neighborhood, although there are industrial sites adjacent to the facility.

NARR ID: 5728903
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/15/2008
NARR Comments: GNB has completed field activities to define the nature and extent of soil & groundwater contamination at the site. Soil removal was completed & monitoring wells abandoned in June 1998. Lead contamination remaining in on-site soils does not exceed 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. An Equitable Servitude and Easement was attached to the property deed in September 1999 and the site remains on the CRL and Inventory because of the residual lead in soils. In November 1999, DEQ determined that no further action was required.
(5/10/04 NHG/VCP) Current property owner contacted DEQ first week in May 2004 regarding commercial use of the property. Site has been cleaned up to industrial/commercial levels. DEQ concurred with commercial use, providing it was consistent with current zoning requirements. Concurrence documented in DEQ ECSI No. 358 files.

NARR ID: 5750634
NARR Code: 1922
Created By: GWISTAR
Created Date: 07/10/2008
Updated By: GWISTAR
Updated Date: 07/10/2008
NARR Comments: Soil removal was completed & monitoring wells abandoned in 1998. Lead contamination remaining in soil is below 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. In November 1999, DEQ determined that no further action was required at the site, on the condition that site use remained industrial or commercial, and that a soil-management plan be developed in the event soil disturbance were anticipated in conjunction with redevelopment.

Site Control:
Site Control #: 175
Control Number: 3
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Reviewed Date: 09/01/1999
Last Update By: GWISTAR
Last Updated Date: 07/17/2003
Site Comment: EE&S filed w/Polk County - restricts management of excavated soils,

GNB TECHNOLOGIES (Continued) **1000119342**

and limits land use options.

Site Control #: 176
Control Number: 5
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Reviewed Date: 09/01/1999
Last Update By: GWISTAR
Last Updated Date: 08/15/2008
Site Comment: Site is limited to industrial or commercial use only.

Administrative Action:

Admin ID: 720897 Action ID: 9459
Agency: Dept Of Environmental Quality Region: Headquarters
Start Date: 01/25/1991 Complete Date: 09/14/1992
Substance Code: VCS Rank Value: 0
Employee Id: 304 Cleanup Flag: False
Created By: Not reported Created Date: 12/17/2002
Action Code: PAE Category: Remedial Action
Action Flag: True Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: Not reported
Comments: (Started by MJZ/SAS, transfered to VCS)

Admin ID: 721320 Action ID: 9520
Agency: Dept Of Environmental Quality Region: Western Region
Start Date: 03/03/1992 Complete Date: 01/03/1993
Substance Code: VCS Rank Value: 0
Employee Id: 304 Cleanup Flag: False
Created By: Not reported Created Date: 12/17/2002
Action Code: XPA Category: Remedial Action
Action Flag: True Action Code Flag: False
Action: EXPANDED PRELIMINARY ASSESSMENT
Further Action: Not reported
Comments: Not reported

Admin ID: 721785 Action ID: 9511
Agency: Dept Of Environmental Quality Region: Western Region
Start Date: 10/01/1992 Complete Date: 06/30/1998
Substance Code: VCS Rank Value: 0
Employee Id: 304 Cleanup Flag: False
Created By: Not reported Created Date: 12/17/2002
Action Code: SI Category: Remedial Action
Action Flag: True Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: Not reported
Comments: Not reported

Admin ID: 723414 Action ID: 9431
Agency: Dept Of Environmental Quality Region: Western Region
Start Date: 09/25/1991 Complete Date: Not reported
Substance Code: VCS Rank Value: 0
Employee Id: 304 Cleanup Flag: False
Created By: Not reported Created Date: 12/17/2002
Action Code: HOLD Category: Listing Action
Action Flag: True Action Code Flag: False

GNB TECHNOLOGIES (Continued) **1000119342**

Action: Place on hold
Further Action: Not reported
Comments: (Pending results of Groundwater investigation)

Admin ID:	723442	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/24/1991	Complete Date:	09/24/1991
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: q
Further Action: Not reported
Comments: Not reported

Admin ID:	724884	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Responsible party notified re 11/88 Inventory listing
Further Action: Not reported
Comments: Not reported

Admin ID:	711448	Action ID:	9438
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/22/1997	Complete Date:	01/22/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Facility placed on Confirmed Release List
Further Action: Not reported
Comments: Not reported

Admin ID:	711449	Action ID:	9439
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/22/1997	Complete Date:	01/22/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Facility placed on Inventory
Further Action: Not reported
Comments: Not reported

Admin ID:	710720	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/01/1993	Complete Date:	09/01/1993
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False

GNB TECHNOLOGIES (Continued) **1000119342**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Not reported		
Comments:	GNB decommisioned all battery manufacturing equip. and associated process line s in 8/93 and 9/93.		

Admin ID:	705778	Action ID:	9434
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/01/1999	Complete Date:	09/01/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ICON	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Institutional Control		
Further Action:	Not reported		
Comments:	ES & E filed w/Polk County; restrictions on management of excavated soils, limits site to industrial use only.		

Admin ID:	703867	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/17/1999	Complete Date:	11/17/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Action (Conditional)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713190	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713191	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

GNB TECHNOLOGIES (Continued) **1000119342**

Admin ID:	713288	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713289	Action ID:	9467
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715237	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1991	Complete Date:	01/24/1991
Substance Code:	SAS	Rank Value:	0
Employee Id:	26	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715238	Action ID:	9497
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1991	Complete Date:	01/24/1991
Substance Code:	SAS	Rank Value:	0
Employee Id:	26	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Preliminary Assessment Equivalent recommended (PAE)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715383	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/02/1992	Complete Date:	03/02/1992
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		

GNB TECHNOLOGIES (Continued) **1000119342**

Further Action: Not reported
Comments: Not reported

Admin ID:	718303	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	131780
Operation Status:	Inactive
Common Name:	GNB Battery
Yrs of Operation:	1945 - 1997
Comments:	Auto & truck lead acid storage battery mfg plant 1945-1989; operated as warehs only; all battery mfg. equip & lines decommissioned 1993; vacated 1998
Updated Date:	09/26/2000
Operations SIC Id:	195317
SIC Code:	3691
Created By:	Not reported
Created Date:	12/17/2002
Operations SIC Id:	195318
SIC Code:	4953
Created By:	Not reported
Created Date:	12/17/2002

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35 **AGRIPAC INC PLT 5** **AST** **S110072128**
SSE **556 MURLARK AVE NW** **SPILLS** **N/A**
1/2-1 **SALEM, OR 97304** **HSIS**
0.771 mi. **ECSI**
4069 ft.

Relative:
Lower

Actual:
146 ft.

AST:

Facility Id:	003794
Hazardous Substance:	AMMONIA ANHYDROUS
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

OR SPILLS:

Year:	Not reported
Facility ID:	09-2618
Spill Date:	Not reported
Material:	Diesel fuel
Quantity:	1
Unit of Measure:	Gallons
How Occurred:	Not reported
Release Date:	11/13/2009
Description:	Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an

AGRIPAC INC PLT 5 (Continued) **S110072128**

unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: On pavement/asphalt - not direct on soil
Responsible Company: Truitt Bros., Inc.
Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

Year: Not reported
Facility ID: 09-2618
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 11/13/2009
Description: Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: Not reported
Responsible Company: Truitt Bros., Inc.
Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

HSIS:
Facility Id: 003794
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: SPECIAL PRODUCTS DIVISION
Facility Has Written Emergency Plan: Yes
Contains 112R: Not reported
NAICS Code 1: 311991
NAICS Desc 1: PERISHABLE PREPARED FOOD MANUFACTURING
NAICS Code 2: 493120
NAICS Desc 2: REFRIGERATED WAREHOUSING AND STORAGE
Manager Name: DAVID TRUITT
Business Phone: 5033623674
Mailing Address: PO BOX 309
Mailing City,St,Zip: SALEM, OR 97308
No. of Employees: 200
Day Phone: 5033623674
Placard: No
Fire Dept Code: 0321
Sprinkler System: Yes
Emergency Contact: LYNN PETERSON
Emergency Procedure: MAINT OFFICE

AGRIPAC INC PLT 5 (Continued) **S110072128**

Business Type: REFRIGERATED FROZEN & DRY WHSING & STRG-FOOD PROCESSING

Facility:

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	1677-144
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	Yes
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2

AGRIPAC INC PLT 5 (Continued) **S110072128**

Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	1791
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1791
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS

AGRIPAC INC PLT 5 (Continued) **S110072128**

Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	METAPHOSPHORIC ACID, HEXASODIUM SALT
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	10124568
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1

AGRIPAC INC PLT 5 (Continued) **S110072128**

Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	LUBRICANT BASE OIL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4

AGRIPAC INC PLT 5 (Continued) **S110072128**

Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM SULFITE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7757837
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	5638	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	989	Further Action:	260
Lat/Long (dms):	44 56 47.40 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/07/2011
Alias Name:	Agripac		

Narrative:

NARR ID:	5753473
NARR Code:	Contamination
Created By:	SSADOFS
Created Date:	08/05/2011
Updated By:	SSADOFS

AGRIPAC INC PLT 5 (Continued) **S110072128**

Updated Date: 08/05/2011
NARR Comments: A citizen complaint and subsequent inspection by DEQ's HW program documented oil leaking from underground coils at the facility.

Administrative Action:

Admin ID:	739184	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	08/05/2011	Complete Date:	08/05/2011
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	739185	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/05/2011	Complete Date:	08/05/2011
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Low		
Comments:	Not reported		

36
SSE
1/2-1
0.826 mi.
4359 ft.

845 BASSETT ST NW
SALEM, OR

SPILLS
OR HAZMAT
VCP
ECSI

S105523306
N/A

Relative:
Lower

Actual:
146 ft.

OR SPILLS:

Year:	Not reported
Facility ID:	93-1175
Spill Date:	12/30/1994
Material:	WHITE KEROSENE
Quantity:	1000
Unit of Measure:	Not reported
How Occurred:	BULK CARRIER TRUCK OVERTURNED/BURND
Release Date:	/ /
Description:	Not reported
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	ESTACADA OIL CO.
Responsible Contact:	Not reported
Responsible Address:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Country:	Not reported

HAZMAT:
Responsble Party: TOM SODEMAN

(Continued) **S105523306**

RP Company:	AGRIPAC INC
RP Address:	325 PATTERSON ST NW
RP City,St,Zip:	SALEM, OR 97304
Facility ID:	890458
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/23/1991
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	890458
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FM
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	09/18/1989
Call Time:	2:00:00 PM
In Route:	12:00:00 AM
Arrival:	2:04:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	5:48:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	True
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	909124
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Industrial
Responsible Party(Ies):	TOM SODEMAN

(Continued) **S105523306**

Company:	AGRIPAC INC
Respcontact:	Not reported
Address:	325 PATTERSON ST NW
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97304
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	5646
Chemical Id:	35430
Incident Id:	890458
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Method:

Method Used Id:	4348
Incident Id:	890458
Identity Method:	5

Released:

Release Behavior Id:	1043
Incident Id:	890458
Behavior:	1

Release Behavior Id:	3678
Incident Id:	890458
Behavior:	4

(Continued) **S105523306**

Narrative:
Narrative Id: 2732
Incident Id: 890458
Incident Narrative: FAILURE OF AMMONIA REFRIGERATION CONTROL VALVE/LINE ASSEMBLY. UNKNOWN HOW MUCH ESCAPED INTO ATMOSPHERE. PLANT PERSONNEL DISCOVERED, REPORTED, CONTAINED AND CONTROLLED. SALEM FIRE & POLLUTION CONTROL ASSISTED WITH REMOVAL AND STOOD BY DURING REPAIR. AGRI PAC..EMPLOYEES ADVISING IT AT THIS TIME..IS NOT LEAKING INTO THE BUILDING..THEY ARE ADVISING THEY HAVE IT UNDER CONTROL AND ALMOST HAVE IT CONTAINED AT THIS TIME..THEY DIDN'T WANT A FULL HAZMAT RESPONSE..
Incident Date: 9/18/1989

VCS:
ECS Site ID: 4699
CRL: NFA
Facility Size: 6.56 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 12/08/2008
End Date: 12/08/2008
Project Manager Name: Katie Robertson
Program: ICP

ECSI:

State ID Number:	4699	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	831	Investigation:	No Further Action
FACA ID:	1205	Further Action:	0
Lat/Long (dms):	44 56 41.60 / -123 3 18.40	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1200	Size:	6.56 acres
NPL:	False	Orphan:	False
Updated By:	KROBERT	Update Date:	12/15/2008
Alias Name:	Chiquita Processed Foods		
Alias Name:	Truitt Bros.		

Hazardous Release:
Substance ID.: 121781
Haz Release ID: 387704
Qty Released: unk
Date Released: unk
Update Date: 02/23/2011
Update By: GWISTAR
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545

(Continued) **S105523306**

Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

Narrative:
NARR ID: 5748596
NARR Code: Data Sources
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: MENGLIS
Updated Date: 09/05/2006
NARR Comments: Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, December 2003 Additional Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, February 2004

NARR ID: 5748593
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 01/12/2007
NARR Comments: Groundwater: 1,1,1-trichloroethane, 1,1-dichloroethane, chloroform, cis-1,2-dichloroethene, dichlorofluoromethane, perchloroethene, trichloroethene.

NARR ID: 5748594
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 04/02/2009
NARR Comments: (8/30/06 GB/VCP) More data is needed on-site to determine the source of TCE detected in a groundwater boring on the edge of the property. The site is across the street from a residential area. (9/17/07 KJR/VCP) ICP letter agreement received.

(Continued) **S105523306**

(10/22/08 KJR/VCP) Multiple site investigations have been performe d at the site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.

Based on the groundwater data the highest concentrations of TCE we re detected in borings B-4 (51 ug/l) and MW-3 (64 ug/l). B-4 is near the former vehicle maintenance and machine shop in Building 6, and MW-3 is near the northern corner of the former vegetable preparation building. These data points suggest there could be an as yet unidentified source of TCE on the site. Regionally, groundwater would be expected to flow towards the Willamette River, or to the south-southeast. However, given the lack of groundwater flow data at the site, it is not possible to further define the source of the TCE contamination detected in
groundwater.

Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.

Analytical data was compared to generic risk based concentrations (RBCs) listed in DEQ?s RBDM guidance. Detected concentrations of various compounds in soil samples were all less than their most stringent residential generic RBCs for all pathways. Detected concentrations of various compounds in groundwater samples did not exceed their respective generic RBCs for any relevant receptor or pathway.

The site has been proposed for risk-based closure following a 30 d ay public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific
CSM.

Copy of SI reports and DEQ's Proposed NFA Decision Document are av ailible in the site document section of this database. Public comment period ends
12/1/08.

(12/15/08 KJR/VCP) No comments received. NFA letter issued 12/8/08 , a copy of which is available for viewing in the site document section of this database.

NARR ID: 5750935
NARR Code: Water Use (Current/Reasonably Likely)
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 10/22/2008
NARR Comments: A water beneficial use survey was completed for the Site and surrounding area. Beneficial use of groundwater at the Site or immediate vicinity was not identified. A well survey was completed for the site extending for a +-mile radius. Two water wells were identified over 600 feet southwest of the site. One is not used and the other reportedly is used but no other information on the type of

(Continued) **S105523306**

use was given by the property owner.

NARR ID: 5750934
NARR Code: Site History
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 10/22/2008
NARR Comments: The site was developed as a food processing facility in the early 1930s. The site had various configurations through 1963 by which most of the current buildings were in place. A wastewater pond was located on the site from about 1963 through about 1990 at which time the pond was filled and paved over with asphalt. A vegetable processing area was located in the southern portion of the Site. The buildings associated with the vegetable processing area along with a drive through scale and scale house were removed by 2004.
Currently the Site consists of three large warehouses; No. 5, No. 6, and No. 7. Warehouse No. 5 and No. 7 are used to store dry goods. Warehouse No. 5 also contains can labeling equipment. Warehouse No. 6 is used to store canned foods. A small machine shop and vehicle maintenance area was located in Warehouse No. 6 until about 1999.

NARR ID: 5750936
NARR Code: 1922
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 12/15/2008
NARR Comments: [Dec. 2008] Multiple site investigations have been performed at the site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.
Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.
The site was been proposed for a risk-based closure following a 30 day public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific
CSM.
No Further Action letter issued on 12/8/08. Copy of SI reports, s taff report, and NFA are availible in the site document section of this database.

Administrative Action:

Admin ID:	734165	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/05/2006	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MCLAIR	Created Date:	07/13/2007

(Continued) **S105523306**

Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	Signed ITP received, site placed on ICP/VCP Waiting List.		

Admin ID:	734381	Action ID:	9440
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	LTAG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Letter Agreement		
Further Action:	0		
Comments:	Not reported		

Admin ID:	734382	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	12/15/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Not reported		

Admin ID:	735856	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	10/22/2008
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	10/22/2008
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	735954	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	12/08/2008	Complete Date:	12/08/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	12/15/2008
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	732800	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	09/05/2006	Complete Date:	09/05/2006

(Continued) **S105523306**

Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/05/2006
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

37
SSE
1/2-1
0.829 mi.
4377 ft.

325 PATTERSON ST NW
SALEM, OR

SPILLS **S102081253**
ECSI **N/A**

Relative:
Lower

Actual:
147 ft.

OR SPILLS:

Year:	Not reported
Facility ID:	94-1360
Spill Date:	Not reported
Material:	Not reported
Quantity:	0
Unit of Measure:	Not reported
How Occurred:	Not reported
Release Date:	/ /
Description:	20 gallon contained to raod and cleaned it up (diesel oil) from overturned truck with ruptured tank. Hazmat responded and cleaned up spill. Contained to asphalt. New information: Spill impacted shoulder. Spencer environmental hired.
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	I-5
Responsible Contact:	Not reported
Responsible Address:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Country:	Not reported

Year:	Not reported
Facility ID:	94-1360
Spill Date:	Not reported
Material:	Not reported
Quantity:	0
Unit of Measure:	Not reported
How Occurred:	Not reported
Release Date:	/ /
Description:	Hwy 58 MP 49 - 2 Semis in accident. Vehicles on fire. 50 gallons of diesel released. One fatality and one critical.
Location:	Not reported
Lat/Long:	Not reported
Source:	Not reported
Material:	Not reported
Media:	Not reported
Responsible Company:	Hwy 58
Responsible Contact:	Not reported
Responsible Address:	Not reported
Responsible City,St,Zip:	Not reported

(Continued) **S102081253**

Responsible Country: Not reported

ECSI:

State ID Number:	353	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	6086	Further Action:	0
Lat/Long (dms):	44 56 40.20 / -123 3 16.90	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	700	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	09/13/2006

Narrative:

NARR ID: 5728664
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/27/92 LSK/SAS) On August 8, 1982, 2500 gallons of hydraulic oil spilled as a result of a line leak. A DEQ file memo states that all oil was contained, no product reached public waters, and cleanup was outstanding. No information is available about the potential for soil contamination, or about the location of the spill.

NARR ID: 5728665
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: 1) Complaint form. 2) DEQ memo to file (8-9-82).

NARR ID: 5728666
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: hydraulic oil

NARR ID: 5728667
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Bassett NW; Agripac #1 West Salem

NARR ID: 5728668
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002

(Continued) **S102081253**

Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Break in hydraulic oil line. Time of release: August 8, 1982

NARR ID: 5728669
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:(9/27/92 LSK/SAS) Available information indicates the spill was contained and cleaned up (oil was pumped by septic service for disposal). No further action is necessary.

Administrative Action:

Admin ID:	718310	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/02/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718711	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/27/1992	Complete Date:	09/27/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718712	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/28/1992	Complete Date:	09/28/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718713	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/29/1992	Complete Date:	09/29/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NFA	Category:	Remedial Action

(Continued) **S102081253**

Action Flag: True Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 131775
Operation Status: Active
Common Name: Agripac Inc.
Yrs of Operation: Not reported
Comments: Food processing plant
Updated Date: 09/13/1994
Operations SIC Id: 195309
SIC Code: 2033
Created By: Not reported
Created Date: 12/17/2002

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38 SE 1/2-1 0.905 mi. 4778 ft.

SALEM TENT AND AWNING
280 WALLACE RD. NW
SALEM, OR 97304

LUST AST HSIS ECSI **S108060549 N/A**

Relative: Lower

Actual: 146 ft.

LUST:
Region: Western Region
Facility ID: 27-06-1242
Cleanup Received Date: 07/10/2006
Cleanup Start Date: 07/11/2006
Cleanup Complete Date: 08/29/2012

AST:
Facility Id: 002436
Hazardous Substance: DIESEL 2
Reporting Quantities: 50-199
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

HSIS:
Facility Id: 002436
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: No
NAICS Code 1: 314912
NAICS Desc 1: CANVAS AND RELATED PRODUCT MILLS
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: TERRY L WATSON
Business Phone: 5033634788
Mailing Address: PO BOX 5274
Mailing City,St,Zip: SALEM, OR 97304
No. of Employees: 14
Day Phone: 5033634788
Placard: No
Fire Dept Code: 0321
Sprinkler System: No

SALEM TENT AND AWNING (Continued) **S108060549**

Emergency Contact: TERRY WATSON
Emergency Procedure: Not reported
Business Type: TENT & AWNING MFG

Facility:

Facility Id:	002436
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	68476346
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

SALEM TENT AND AWNING (Continued) **S108060549**

ECSI:

State ID Number:	5221	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	112504	Further Action:	0
Lat/Long (dms):	44 56 43.80 / -123 2 55.70	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	SSADOFS	Update Date:	08/07/2012
Alias Name:	LUST 27-06-1242		

Narrative:

NARR ID: 5751852
NARR Code: Hazardous Substance/Waste Types
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments: Diesel range petroleum hydrocarbons

NARR ID: 5751854
NARR Code: Manner of Release
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments: Leaking heating oil tank

NARR ID: 5751853
NARR Code: Media Contamination
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments: Soil and groundwater

NARR ID: 5754126
NARR Code: Remedial Action
Created By: SSADOFS
Created Date: 08/07/2012
Updated By: SSADOFS
Updated Date: 08/07/2012
NARR Comments: (8/7/12 SJS/VCP) Site has been investigated and there is no evidence of any contamination other than that documented from LUST #27-06-1242. The site will be evaluated and reviewed under the HOT program.

NARR ID: 5751851
NARR Code: 1922
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: EKELLEY
Updated Date: 05/01/2012

SALEM TENT AND AWNING (Continued) **S108060549**

NARR Comments:[Nov. 2009] Excerpt (below) from report received June 2008 (see associated webdocs entry for complete report).

Also see LUST log #27-06-1242 On June 29, 2006, initial soil sa mple was collected at the east end of the 500 gallon heating oil tank. The tank was located on the north side of the building. Upon collection ofthe soil sample, there was a strong odor of petroleum. This soil sample, collected at 7.5 feet below ground surface (bgs) beneath the east end of the underground heating oil tank (tank), detected diesel, gas and heavy oil. This soil sample also contained 56.2 parts per million (ppm) gasoline and 3,520 ppm diesel total petroleum hydrocarbons (TPH). A second soil sample was collected at the soil water interface at 14.5 feet bgs. This sample detected gasoline, dies el, and heavy oil and the TPH results were 21.3 ppm gasoline and 15,700 diesel.

The tank was removed from the ground on July 24, 2006, and deliver ed to Cherry City Metals in Salem for recycling. The fluids inside ofthe tank were taken to Oil Re-Refining Company (ORRCO), a petroleum recycler. Additionally, eight hundred (8 00) gallons of water was pumped from the excavation and recycled by ORRCO.

Contaminated soil was removed from the area below and next to the former tank. Six (6) dump truck loads of soil was removed and taken to Riverbend Landfill in McMinnville. The total tonnage was 77.58 tons. The excavation was 20 feet deep, 16 feet long (north to south), and 12 feet wide (east to west).

Soil and groundwater samples were collected from the excavation. T he groundwater sample was collected with a plastic bailer after the pit recharged in 24 hours. The water sample contained 4.51 ppm diesel TPH, 0.182 ppm gasoline, TPH, and 0.00829 ppm lead. Also detected were Acenaphthene at 2.28 parts per billion (ppb),

Fluorene at 7.26 ppb, and n-Propylbenzene at 1.13 ppb. Confirmation soil samples were collected from the sides of the excavation, the excavation floor, and the soil-water interface (north and south at 13 feet bgs). The north sidewall's NWTPH-Dx result at nine (9) feet bgs was 15,700 ppm and at 13 feet bg s it was 2,550 ppm. No benzene, toluene, ethylbenzene, or total xylenes (BTEX) compounds were detected. The south pit wall's 13 feet bgs Dx result was 2,420 ppm diesel with no BTEX compounds detected. Samples from the east and west sidewalls had Dx results of below 50 ppm at nine (9) feet bgs. These samples contained no diesel, BTEX or polynuclear aromatic compound (PAH) compounds above the laboratory reporting limits or risked based screening levels.

Delineation soil samples were obtained from the north, south, and we st side walls of the excavation. There was a six (6)-inch diameter storm sewer buried four (4) feet bgs intersecting the southwest comer of the excavation. The PVC pipe did not have any cracks, and there was no petroleum contamination around the pipe that was bedded in silty loam soil. The south excavation and delineation sidewall samples were completed next to this storm sewer line. The delineation borings showed a reduction in contaminant levels in all directions in the 10-13 feet bgs horizon from three (3) to six (6) feet into the north, south, east, and west sidewalls. Impact in the south sidewall

SALEM TENT AND AWNING (Continued) **S108060549**

was not defined to below 500 ppm, and levels beneath the building decreased from 2,420 ppm to 982 ppm after six (6) feet. The pit was backfilled with crushed rock on July 25, 2006.

Administrative Action:

Admin ID:	736665	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/30/2009	Complete Date:	06/30/2009
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	736666	Action ID:	9476
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/09/2009	Complete Date:	06/09/2009
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	REFER	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to Program		
Further Action:	Medium-Low		
Comments:	See LUST 27-06-1242, site is a HOT site.		

Admin ID:	740081	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/07/2012	Complete Date:	Not reported
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/07/2012
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Further review suggests the site will be evaluated as a Heating Oil Tank site, there is no evidence of other contamination.		

E39
SSE
1/2-1
0.958 mi.
5057 ft.

OREGON FRUIT PRODUCTS LLC **AST** **S105744235**
150 PATTERSON ST NW **VCP** **N/A**
SALEM, OR 97304 **NPDES**
HSIS
Site 1 of 2 in cluster E **ECSI**

Relative:
Lower

Actual:
147 ft.

AST:

Facility Id:	005547
Hazardous Substance:	PROPANE
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

VCS:

ECS Site ID: 981

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

CRL:	NFA
Facility Size:	4.95 acres
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	06/30/2005
End Date:	07/08/2005
Project Manager Name:	Angie Obery
Program:	ICP

NPDES:

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	WR
Pri SIC:	2033
Facility Type:	CANNED FRUITS AND VEGETABLES
Latitude:	44.9427
Longitude:	-123.0541
Category:	STM
Permit Type:	GEN12Z
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Stormwater; NPDES specific SIC codes
Expiration Date:	06/30/2012
EPA Number:	ORR121304
UIC Facility:	False
Admin Agent:	Salem Office
Last Action Date:	04/05/2012
Permit Writer:	Not reported
Compliance Inspector:	Sewell
DMR Reviewer:	Sewell
Application Number:	964911
Class:	MINOR
Start Date:	11/17/1997

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	WR
Pri SIC:	2033
Facility Type:	CANNED FRUITS AND VEGETABLES
Latitude:	44.9427
Longitude:	-123.0541
Category:	IND
Permit Type:	GEN01
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Industrial Wastewater; NPDES cooling water
Expiration Date:	07/31/2001
EPA Number:	ORG253538
UIC Facility:	False
Admin Agent:	Salem Office
Last Action Date:	11/09/2011
Permit Writer:	Not reported
Compliance Inspector:	Schnurbusch
DMR Reviewer:	Schnurbusch
Application Number:	965880
Class:	MINOR
Start Date:	05/07/1981

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	Not reported
Pri SIC:	2033
Facility Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Category:	Not reported
Permit Type:	GEN12F
Permit Active:	Not reported
Is Active?:	FALSE
Permit Description:	Not reported
Expiration Date:	Not reported
EPA Number:	Not reported
UIC Facility:	Not reported
Admin Agent:	Not reported
Last Action Date:	Not reported
Permit Writer:	Not reported
Compliance Inspector:	Not reported
DMR Reviewer:	Not reported
Application Number:	Not reported
Class:	Not reported
Start Date:	Not reported

HSIS:

Facility Id:	005547
Chemical Is Extremely Hazardous Substance (EHS):	Yes
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	311421
NAICS Desc 1:	FRUIT AND VEGETABLE CANNING
NAICS Code 2:	311411
NAICS Desc 2:	FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING
Manager Name:	PAUL GEHLAR
Business Phone:	5035816211
Mailing Address:	PO BOX 5283
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	150
Day Phone:	5034859008
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	DOUG DETERING
Emergency Procedure:	PLANT PRODUCTION OFFICE
Business Type:	FRUIT CANNING & FREEZING

Facility:

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742650
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	METHYL ETHYL KETONE
United Nations/north America 4 Digit Class Number:	1193
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1193
Chemical Abstract Service Identifier Number:	78933
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Yes

Facility Id:	005547
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	005547
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM CARBONATE

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	497198
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	005547
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1006
Chemical Abstract Service Identifier Number: 7440371
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Non-flammable Gas
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

ECSI:

State ID Number:	981	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	7854	Further Action:	0
Lat/Long (dms):	44 56 34.00 / -123 3 15.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1100	Size:	4.95 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/26/2009

Narrative:
NARR ID: 5730997
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: AOBERY
Updated Date: 02/07/2005
NARR Comments: (6/1/89 MMD/SAS) Paint chips were collected from a storm drain manhole located on the corner of Patterson and First (NW) in Salem. The chips were analyzed for cadmium, copper, lead, and zinc at the request of a City of Salem Pollution Control Inspector. The chips were coming from outdoor drum cleaning operations conducted by Oregon Fruit Products. The paint chips tested positive for the above listed metals. No soil analyses were performed. (2/7/05 AMO/CU) Company joined the ICP in December 2005. Plan to submit an ICP report for closure in January 2005.

NARR ID: 5730998
NARR Code: Data Sources

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: 1) DEQ Willamette Valley Region (WVR) Water Quality Source file. 2) Inspection reports. 3) Correspondence FROM owner and/or operator. 4) Laboratory results.

NARR ID: 5730999
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: paint, heavy metals

NARR ID: 5745123
NARR Code: Remedial Action
Created By: SNICHOL
Created Date: 06/21/2004
Updated By: GWISTAR
Updated Date: 07/12/2005
NARR Comments: (2/15/05 AMO) No remedial actions known to date. Site joined ICP in December, 2004. ICP report is planned to be delivered to DEQ in February. (4/21/05 AMO) As of this date, no ICP report has been delivered to DEQ for review. Bergeson-Boese & Associates is the environmental contractor for the responsible party.
(7/8/05 AMO/ICP) DEQ received ICP report recommending No Further A ction for review. DEQ accepts ICP report's recommendation of No further action.

Administrative Action:

Admin ID:	722039	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	728617	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State screening.		

Admin ID:	728618	Action ID:	9449

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/13/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728619	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728620	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	729106	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/24/2004	Complete Date:	12/10/2004
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/24/2004
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	On ICP wait list 9/24/04		

Admin ID:	729563	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/10/2004	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	12/27/2004
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		

OREGON FRUIT PRODUCTS LLC (Continued) **S105744235**

Comments: Not reported

Admin ID:	730438	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2005	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	06/16/2005
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	730601	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/30/2005	Complete Date:	07/08/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	07/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	718596	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	06/01/1989	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	132280
Operation Status:	Active
Common Name:	Oregon Fruit Products
Yrs of Operation:	Not reported
Comments:	Cannery.
Updated Date:	05/01/1995
Operations SIC Id:	194883
SIC Code:	2033
Created By:	Not reported
Created Date:	12/17/2002

E40 SSE 1/2-1 0.982 mi. 5184 ft. | **CHROME SHOP - EDGEWATER ST. (FORMER)** | **ECSI** | **S106236646**
940 EDGEWATER ST. NW | **N/A**
SALEM, OR 97304

Site 2 of 2 in cluster E

Relative: Lower

Actual: 145 ft.

ECSI:

State ID Number:	3186	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	37891	Further Action:	258
Lat/Long (dms):	44 56 34.10 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	001002337
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/24/2008

Narrative:

NARR ID: 5741817
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments: (5/29/02 BTM/SAS) A September 11, 2000 waste sampling inspection of the site by DEQ?s Hazardous Waste Program, the City of Salem, and EPA Criminal Investigation Division identified sludges and solutions of plating wastes, with metals and cyanide as constituents of concern, in abandoned drums within the building. A subsequent conversation with the City of Salem regarding the history and housekeeping of the facility indicated that significant fluid leakage had occurred inside of the facility, and that during dismantling and removal of plating baths and equipment, it was apparent that floor-level holes had been broken through the back wall. There is concern that floor wash-water was directed toward the holes. The facility has operated since the 1970s.

NARR ID: 5748187
NARR Code: Data Sources
Created By: MCAMARA
Created Date: 06/05/2006
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments: Preliminary Assessment Former Chrome Shop prepared by DEQ for EPA, dated May 29,
2002.
Former Chrome Shop, Draft Site Investigation Report, prepared by W eston Solutions, Inc. for EPA, dated December 30, 2005.

NARR ID: 5741818
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments: (5/29/02 BTM/SAS) GROUNDWATER: This area is currently served by City of Salem water lines, so it is possible that few or none of the

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

domestic wells registered in the site vicinity are used for domestic supply. In addition, it is likely that groundwater flows from the site towards the adjacent Willamette River, so that any contamination from this site would not affect nearby wells anyway. The city obtains its water from an upgradient source in the Santiam River watershed.

SURFACE WATER: Considering subsurface materials at the site, there is potential for subsurface contamination entering surface water via groundwater-to-surface water discharge or from runoff of groundwater seeps on the embankment of the river. Although storm runoff from the property could also reach the river via the storm drain system, subsurface contamination is the more significant source of potential impact to the river (via groundwater discharge to the river).

SOIL: There is potential for exposure via direct contact and inhal ation during any excavation work, and potential for exposure by inhalation of, or direct contact with, dusts or residues for indoor uses of the building.

NARR ID: 5743396
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 04/18/2003
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments: (5/29/02 BTM/SAS) Contaminants associated with the site include cyanide, and metals including but not limited to cadmium, chromium, and lead. Indications of on-site hazardous substance releases include information on poor housekeeping during the facility?s operation, and the significantly cracked concrete floor in the process area. Human health risks associated with the site include potential for inhalation and direct-contact exposures to workers involved with any excavation and/or renovation work at the site, and to future tenants or site workers. The potential for groundwater-to-surface water discharges to the Willamette River poses human health and ecological risks.

Testing of the interior of the building should be done to determin e the direct contact and inhalation risks. Subsurface conditions such as groundwater quality, soil conditions, and site hydrogeology also need to be verified or evaluated in more detail. An EPA Site Inspection (SI) is recommended to address these data gaps.

(6/5/06 M2C/SAS) EPA?s contractor, Weston Solutions, conducted a site investigation in 2005. Weston collected soil samples from multiple depths at 6 locations inside the building, in the parking lot, and along the strip of land behind the building. Four sediment samples were collected from the Willamette River. Soil and sediment background samples were also collected. Samples were analyzed for VOCs, SVOCs, cyanide, hexavalent chromium, and 23 target analytical metals (TAL).

Elevated results were reported in the following areas: Willamet te River
sediment Aluminum ranging from 7020 to 20,800 mg/kg Lead ranging fro m 1.3 to 589
mg/
kg Nickel ranging from 13.91 to 23.5 mg/kg Zinc ranging from 29.4 to 310

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

mg/
kg Former Chrome Shop Antimony ranging from 0.48 to 55.8 mg/kg Ar
senic ranging from 1.2 to 3.4
mg/
kg Chromium from 10.3 to 8,340 mg/kg Iron ranging from 15,500 to 73,
500
mg/
kg Lead ranging from 1.4 to 620 mg/kg Nickel ranging from 10.5 to 3,
070
mg/
kg Thallium ranging from1.3 to 10.6 mg/kg Vanadium ranging from 48.2
to 151 mg/kg
The building is currently occupied by a tattoo parlor (Hot Rod Bet
tie?s) located between a heating stove shop (Mel?s Stoves) on the
east side and an appliance shop (JL?s Appliance) on the west side.
The rear of the building is separated from a paved bike path by a
narrow strip of land and a rock wall covered with blackberry bushes
and a chain-link fence. Beyond the bike path to the southeast are
Highway 22 and the Willamette River.
Sample results were compared to screening values based on possible
impacts to ecological and human receptors. Sample results were
compared to sediment fresh water SLVs for ecological receptors in the
Willamette River, and to soil residential and industrial PRGs for
human receptors. SLVs were exceeded for aluminum, lead, nickel, and
zinc. However, lead and zinc were the only constituents above
background in sediment. Because the sediment samples with elevated
detections (TR003 and TR004) were collected below the Salem?s storm
sewer outfall, these results may not be from site operations.
Residential PRGs were exceeded for antimony, arsenic, chromium, ir
on, lead, nickel, thallium, and vanadium in several locations on-site
at multiple depths. Industrial PRGs were exceeded for chromium. None
of the sample results for soil exceeded hot spot levels.
Using Western Region Supplemental Risk-Based Prioritization System
the site is considered a medium priority for additional assessment
for the following
reasons:
1) Two fresh water SLV were exceeded in sediment and above backgroun
d concentrations. However, the detections may not be related to site
activities.
3) Residential PRGs were exceeded for antimony, arsenic, chromium, i
ron, lead, nickel, thallium, and vanadium. These concentrations were
below hot spot
levels.
4) Industrial PRGs were exceeded for chromium. These concentrations
were below hot spot
levels.
5) There is a potential for onsite workers to come in contact with c
ontaminated shallow soil.

Administrative Action:

Admin ID:	725886	Action ID:	9506
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/29/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	187	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	RSI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

Action: Site Investigation recommended (SI)
Further Action: Medium
Comments: Not reported

Admin ID:	725887	Action ID:	9421
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	01/09/2002	Complete Date:	01/09/2002
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	DS1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to CERCLIS
Further Action: 0
Comments: Not reported

Admin ID:	702720	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	2202	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to database
Further Action: Not reported
Comments: Not reported

Admin ID:	702861	Action ID:	9480
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	12/03/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RFPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: Federal Preliminary Assessment recommended
Further Action: Medium
Comments: Not reported

Admin ID:	702862	Action ID:	9456
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: 0
Comments: Federal PA

Admin ID:	731890	Action ID:	9444
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	02/14/2006	Complete Date:	02/14/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

Created By:	GWISTAR	Created Date:	02/27/2006
Action Code:	NFRAP	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Remedial Action Planned under Federal program		
Further Action:	0		
Comments:	Not reported		

Count: 9 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SALEM	S111242055	OP&R - HOLMAN STATE PARK	OR 221		UIC
SALEM	S112058301	ORCHARD RIDGE - LINBECK PROPERTY	1400 BLOCK OF ORCHARD HTS	97304	NPDES
SALEM	S111005959	PICTSWEET PROPERTIES (FORMER)	CORDON ROAD AND STATE ST		VCP, ECSI
SALEM	S108659692	EOLA BEND RV PARK	4800 DALLAS	97304	NPDES
SALEM	1004770750	CAPITAL MANOR INC	1955 DALLAS HWY NW	97304	RCRA-CESQG, FINDS
SALEM	S112058062	LINDBECK FARM (FORMER)	ORCHARD HEIGHTS RD NW	97304	VCP, ECSI
SALEM	S111429891	HEATING OIL TANK	1385 NW OVERLOOK AVE	97304	LUST
SALEM	S111247358	BPA	3105 NW SALEM DALLAS HWY	97304	AST, HSIS
SALEM	S111248892	DERMAC LABS INC	2485 SALEM HWY NW	97304	AST, HSIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
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: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

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

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

CRL: Confirmed Release List and Inventory
All facilities with a confirmed release.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System
Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/29/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

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

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: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 44

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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: 11/01/2012
Date Data Arrived at EDR: 11/29/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
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: 11/01/2012
Date Data Arrived at EDR: 11/29/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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: 10/22/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/19/2012
Number of Days to Update: 26

Source: DEQ
Telephone: 503-229-5256
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects
Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6801
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

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

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

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

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

SWRCY: Recycling Facility Location Listing
A listing of recycling facility locations.

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 12/05/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: 503-229-5353
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

AOC COL: Columbia Slough
Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/16/2006
Number of Days to Update: 30

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
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: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 11/09/2012
Date Data Arrived at EDR: 11/15/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 53

Source: Department of Consumer & Business Services
Telephone: 503-378-4133
Last EDR Contact: 11/13/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

CDL 2: Clandestine Drug Lab Site Listing
A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Oregon State Police
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

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

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

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

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

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

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

SPILLS: Spill Data

Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 09/30/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

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

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

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

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

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2013
Next Scheduled EDR Contact: 04/29/2013
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/09/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

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: 10/02/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 11/30/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaning Facilities
A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 02/06/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6783
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

NPDES: Wastewater Permits Database
A listing of permitted wastewater facilities.

Date of Government Version: 07/05/2012
Date Data Arrived at EDR: 07/11/2012
Date Made Active in Reports: 09/07/2012
Number of Days to Update: 58

Source: Department of Environmental Quality
Telephone: 503-229-5657
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

AIRS: Oregon Title V Facility Listing
A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/06/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 503-229-6459
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
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: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 11/08/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for hazardous waste facilities.

Date of Government Version: 08/10/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 541-633-2011
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites Listing

A listing of coal ash disposal sites.

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 541-298-7255
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-5521
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 2003 & 2011 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

ORCHARD HEIGHTS PARK
1201 ORCHARD HEIGHTS RD NW
SALEM, OR 97304

TARGET PROPERTY COORDINATES

Latitude (North):	44.9563 - 44˚ 57' 22.68''
Longitude (West):	123.0608 - 123˚ 3' 38.88''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	495204.2
UTM Y (Meters):	4977880.5
Elevation:	192 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

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 principal 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).

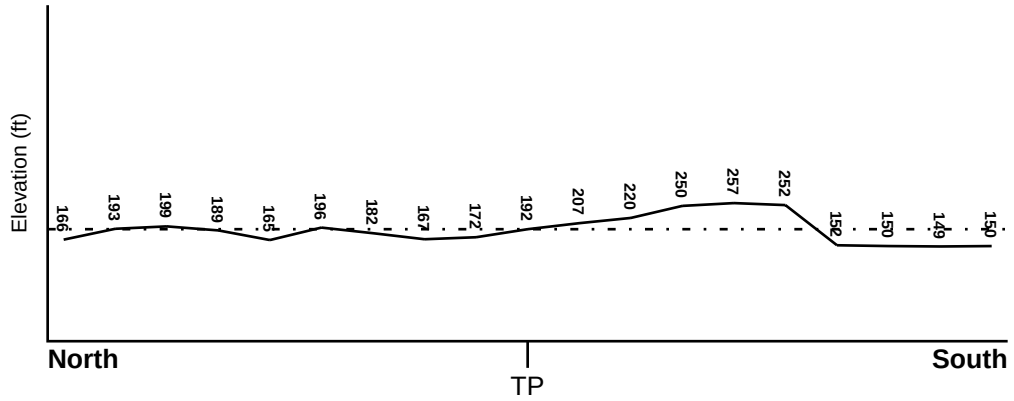
TOPOGRAPHIC INFORMATION

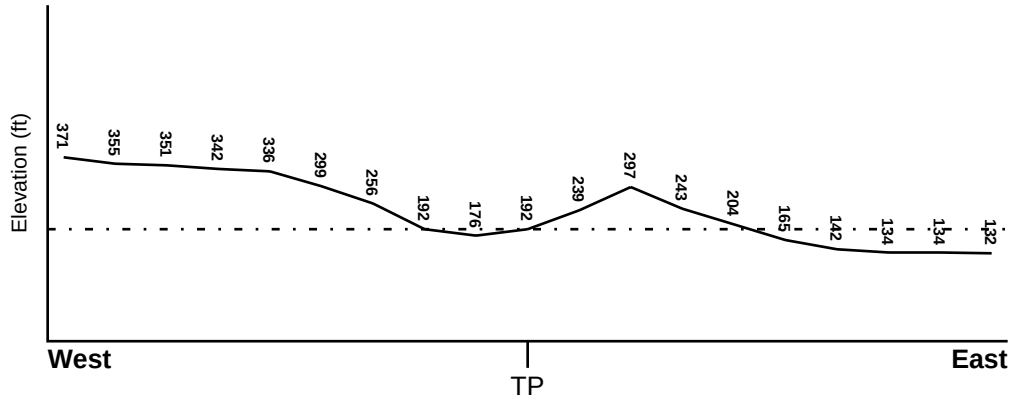
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 192 ft.

0 1/2 1 Miles

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
POLK, OR	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 41047C - FEMA DFIRM Flood data

Additional Panels in search area: 41053C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SALEM WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

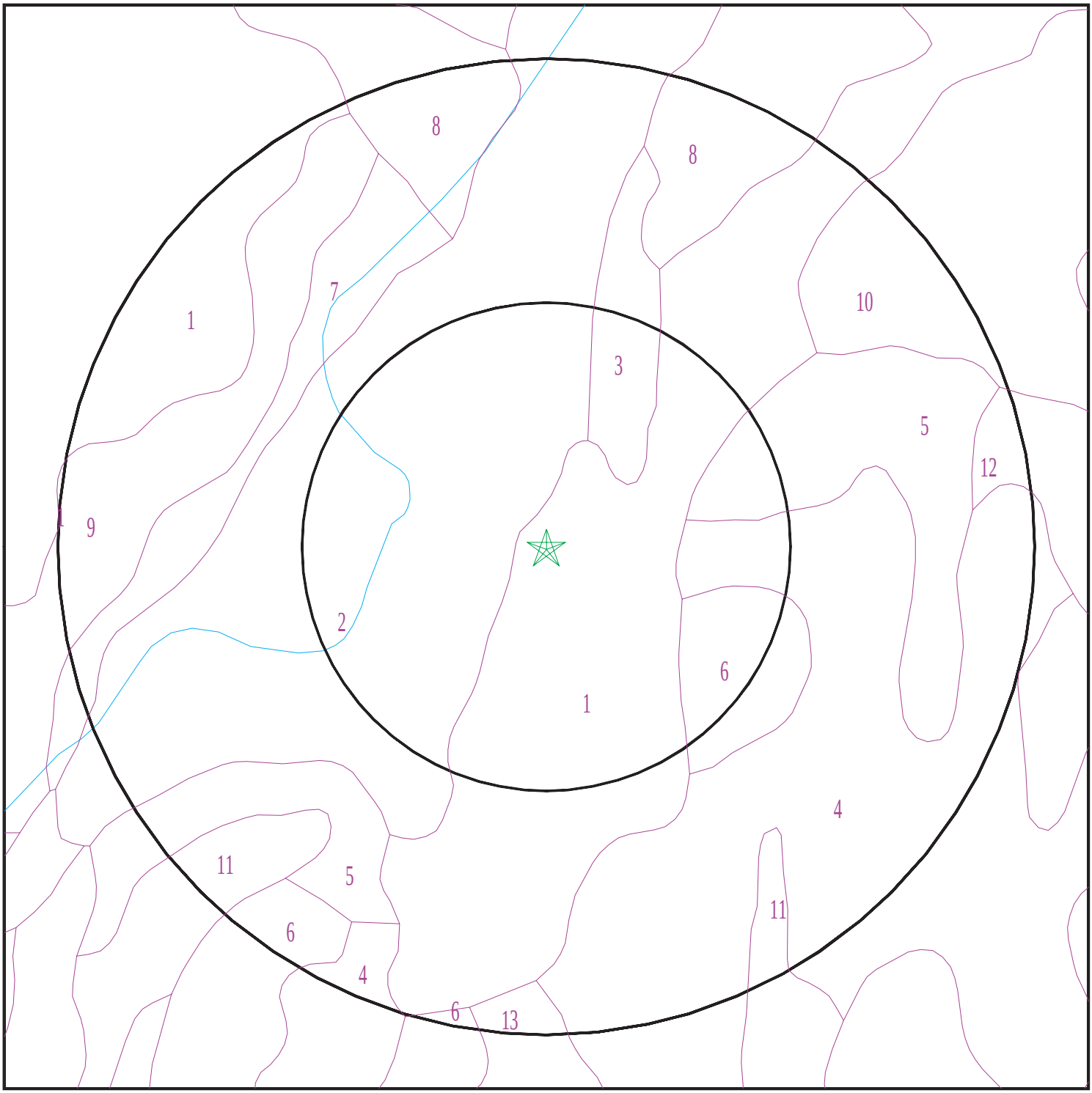
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 3497666.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Orchard Heights Park	CLIENT:	Ecology and Environment
ADDRESS:	1201 Orchard Heights RD NW Salem OR 97304	CONTACT:	Derek Pulvino
		INQUIRY #:	3497666.2s
LAT/LONG:	44.9563 / 123.0608	DATE:	January 17, 2013 2:32 pm

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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: Helvetia

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.1
2	14 inches	61 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.1

Soil Map ID: 2

Soil Component Name: Cove

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
2	7 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1

Soil Map ID: 3

Soil Component Name: Dupee

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	9 inches	61 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 5

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 6

Soil Component Name: Nekia

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 64 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: Woodburn

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6
2	16 inches	42 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6
3	42 inches	64 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6

Soil Map ID: 8

Soil Component Name: Amity

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6
2	25 inches	62 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6

Soil Map ID: 9

Soil Component Name: Woodburn

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	16 inches	42 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6
3	42 inches	64 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6

Soil Map ID: 10

Soil Component Name: Jory

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 11

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 12

Soil Component Name: Jory

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5
2	20 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 4.5

Soil Map ID: 13

Soil Component Name: Witzel

Soil Surface Texture: very stony silt loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 43 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	very stony silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	16 inches	extremely cobbly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	16 inches	20 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G46	USGS3254456	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

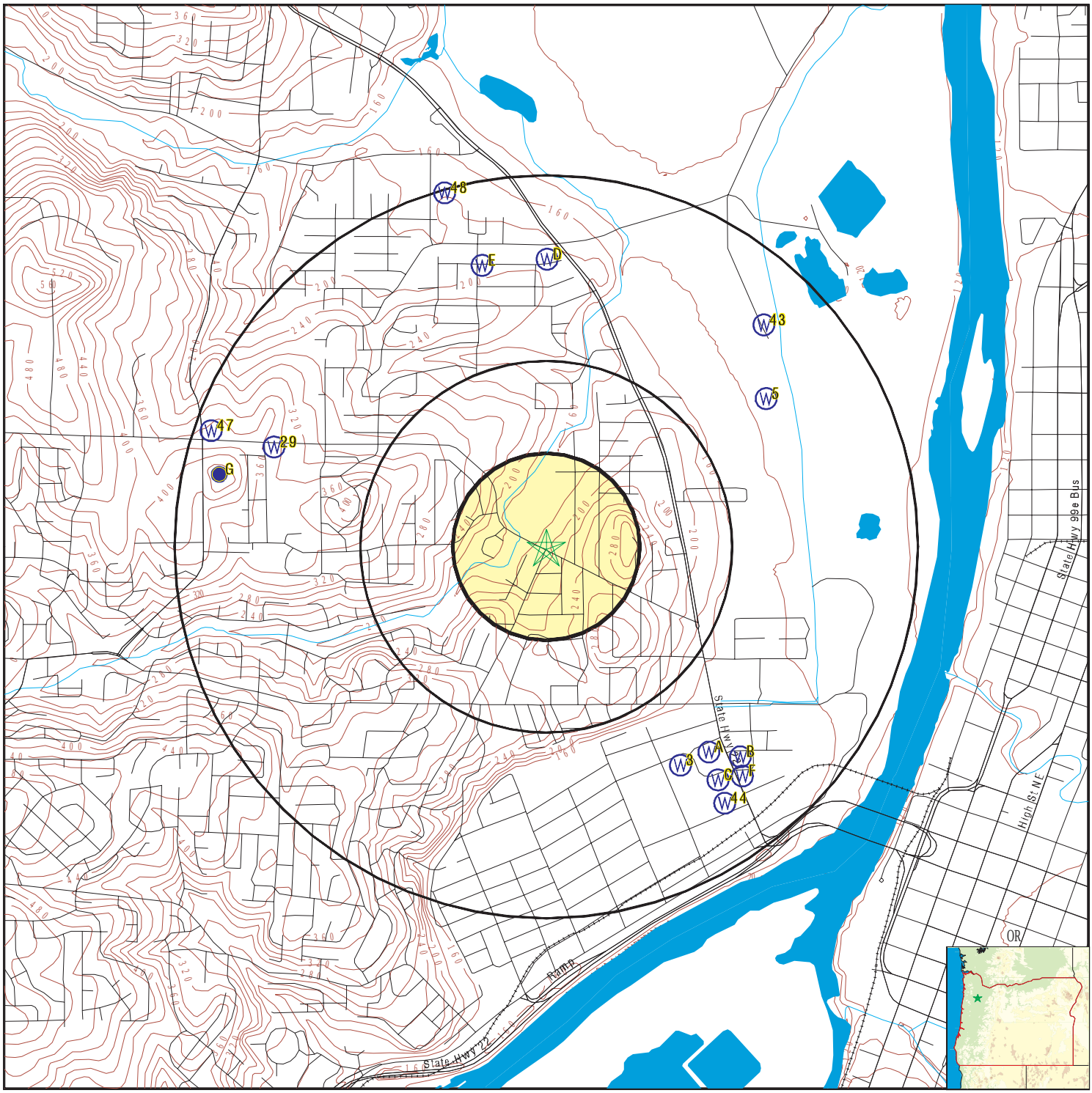
MAP ID	WELL ID	LOCATION FROM TP
A1	ORI400000008547	1/2 - 1 Mile SE
A2	ORI400000008552	1/2 - 1 Mile SE
3	ORI400000008538	1/2 - 1 Mile SSE
A4	ORI400000008546	1/2 - 1 Mile SE
5	ORW400000006220	1/2 - 1 Mile NE
A6	ORI400000008543	1/2 - 1 Mile SE
A7	ORI400000008539	1/2 - 1 Mile SE
B8	ORI400000008548	1/2 - 1 Mile SE
A9	ORI400000008536	1/2 - 1 Mile SE
C10	ORI400000008530	1/2 - 1 Mile SE
D11	ORI400000008723	1/2 - 1 Mile North
D12	ORI400000008722	1/2 - 1 Mile North
D13	ORI400000008721	1/2 - 1 Mile North
D14	ORI400000008724	1/2 - 1 Mile North
D15	ORI400000008727	1/2 - 1 Mile North
D16	ORI400000008726	1/2 - 1 Mile North
D17	ORI400000008725	1/2 - 1 Mile North
C18	ORI400000008528	1/2 - 1 Mile SE
E19	ORI400000008716	1/2 - 1 Mile NNW
E20	ORI400000008715	1/2 - 1 Mile NNW
E21	ORI400000008718	1/2 - 1 Mile NNW
E22	ORI400000008717	1/2 - 1 Mile NNW
C23	ORI400000008529	1/2 - 1 Mile SE
C24	ORI400000008520	1/2 - 1 Mile SE
C25	ORI400000008521	1/2 - 1 Mile SE
C26	ORI400000008525	1/2 - 1 Mile SE
C27	ORI400000008514	1/2 - 1 Mile SSE
C28	ORI400000008515	1/2 - 1 Mile SSE
29	ORI400000008670	1/2 - 1 Mile WNW
C30	ORI400000008527	1/2 - 1 Mile SE
B31	ORI400000008540	1/2 - 1 Mile SE
C32	ORI400000008516	1/2 - 1 Mile SE
B33	ORI400000008537	1/2 - 1 Mile SE
C34	ORI400000008526	1/2 - 1 Mile SE
F35	ORI400000008531	1/2 - 1 Mile SE
C36	ORI400000008518	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F37	ORI400000008522	1/2 - 1 Mile SE
F38	ORI400000008519	1/2 - 1 Mile SE
F39	ORI400000008533	1/2 - 1 Mile SE
F40	ORI400000008534	1/2 - 1 Mile SE
F41	ORI400000008523	1/2 - 1 Mile SE
F42	ORI400000008524	1/2 - 1 Mile SE
43	ORW400000006248	1/2 - 1 Mile NE
44	ORI400000008508	1/2 - 1 Mile SE
G45	ORW400000006190	1/2 - 1 Mile WNW
47	ORW400000006205	1/2 - 1 Mile WNW
48	ORW400000006361	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 3497666.2s



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

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

N

SITE NAME:	Orchard Heights Park	CLIENT:	Ecology and Environment
ADDRESS:	1201 Orchard Heights RD NW Salem OR 97304	CONTACT:	Derek Pulvino
		INQUIRY #:	3497666.2s
LAT/LONG:	44.9563 / 123.0608	DATE:	January 17, 2013 2:32 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **SE** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORI400000008547**

Well inspe:	31054		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST OF WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94855		
Longitude :	123.05222		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94855		
Newlong:	-123.05222		
Site id:	ORI400000008547		

A2
SE **OR WELLS** **ORI400000008552**
1/2 - 1 Mile
Lower

Well inspe:	31055		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST & WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94886		
Longitude :	123.05141		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94886		
Newlong:	-123.05141		
Site id:	ORI400000008552		

3
SSE **OR WELLS** **ORI400000008538**
1/2 - 1 Mile
Lower

Well inspe:	26842		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC4		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05343		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05343		
Site id:	ORI400000008538		

A4
SE **OR WELLS** **ORI400000008546**
1/2 - 1 Mile
Lower

Well inspe:	26841		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC5		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94849		
Longitude :	123.05194		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94849		
Newlong:	-123.05194		
Site id:	ORI400000008546		

5
NE
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006220**

Logid:	POLK 50073	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	8	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	392		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	135	Site id:	ORW400000006220

A6
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008543**

Well inspe:	26839		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported

Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC1		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94833		
Longitude :	123.05153		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94833		
Newlong:	-123.05153		
Site id:	ORI400000008543		

Map ID Direction Distance Elevation	Database	EDR ID Number
A7 **SE** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORI400000008539**

Well inspe:	26840		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC3		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05243		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05243		
Site id:	ORI400000008539		

B8
SE **OR WELLS** **ORI400000008548**
1/2 - 1 Mile
Lower

Well inspe:	35170		
Physical l:	Not Reported	Inspection:	03/15/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	NICHOLSON INVESTMENT, 710 WALLACE RD, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DRILLERS ON SITE, OTHER HOLES BEING DRILLED AT TIME OF INSPECTION		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94863		
Longitude :	123.05039		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	STRAP		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94863		
Newlong:	-123.05039		
Site id:	ORI400000008548		

A9
SE **OR WELLS** **ORI400000008536**
1/2 - 1 Mile
Lower

Well inspe:	33765		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC2		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94776		
Longitude :	123.05167		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94776		
Newlong:	-123.05167		
Site id:	ORI400000008536		

C10
SE **OR WELLS** **ORI400000008530**
1/2 - 1 Mile
Lower

Well inspe:	34983		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, BEHIND STORES OUTSIDE FENCED CHILDREN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, SANITARY CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94757		
Longitude :	123.05191		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94757		
Newlong:	-123.05191		
Site id:	ORI400000008530		

D11
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008723**

Well inspe:	30827		
Physical l:	Not Reported	Inspection:	06/25/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PINEWOOD CREST SUBDIVISION; 1029 HEMLOCK ST NW, SALEM;LELAND FILLMORE		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	WELL MUST BE ABANDONED;SPOKE TO OWNER ON SITE;SAID WILLAMETTE WILL DO		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	Not Reported	Qtr160:	NW
Latitude d:	44.96751		
Longitude :	123.06075		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96751		
Newlong:	-123.06075		
Site id:	ORI400000008723		

D12
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008722**

Well inspe:	30797		
Physical l:	Not Reported	Inspection:	06/23/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PINEWOOD CREST SUBDIVISION; 1029 HEMLOCK ST NW, SALEM;LELAND FILLMORE		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NEW SUBDIVISION; OLD WELL MUST BE ABANDONED; NO CHANGE		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	Not Reported	Qtr160:	NW
Latitude d:	44.96751		
Longitude :	123.06075		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96751		
Newlong:	-123.06075		
Site id:	ORI400000008722		

D13
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008721**

Well inspe:	30706		
Physical l:	Not Reported	Inspection:	06/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PINEWOOD CREST SUBDIVISION; 1029 HEMLOCK ST NW, SALEM;LELAND FILLMORE		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NEW SUBDIVISION; OLD WELL MUST BE ABANDONED; PHOTOGRAPHED AND FLAGGED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	Not Reported	Qtr160:	NW
Latitude d:	44.96751		
Longitude :	123.06075		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96751		
Newlong:	-123.06075		
Site id:	ORI400000008721		

D14
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008724**

Well inspe:	30892		
Physical l:	Not Reported	Inspection:	07/02/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PINEWOOD CREST SUBDIVISION; 1029 HEMLOCK ST NW, SALEM;LELAND FILLMORE		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	WELL MUST BE ABANDONED;NO CHANGE		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	Not Reported	Qtr160:	NW
Latitude d:	44.96751		
Longitude :	123.06075		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96751		
Newlong:	-123.06075		
Site id:	ORI400000008724		

D15
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008727**

Well inspe:	31524		
Physical l:	Not Reported	Inspection:	09/25/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	-1	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	BOB HAMILTON; 1029 HEMLOCK ST NW, SALEM;LELAND FILLMORE		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	VARIANCE; DRILLER LEFT PUMP IN WELL; CASING ON GROUND		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	NE	Qtr160:	NW
Latitude d:	44.96751		
Longitude :	123.06075		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96751		
Newlong:	-123.06075		
Site id:	ORI400000008727		

D16
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008726**

Well inspe:	31498		
Physical l:	Not Reported	Inspection:	09/18/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	BOB HAMILTON; 1029 HEMLOCK ST NW, SALEM;LELAND FILLMORE		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	PUMP IN BOTTOM OF WELL; DRILLER TRYING TO REMOVE; NO CHANGE		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	NE	Qtr160:	NW
Latitude d:	44.96751		
Longitude :	123.06075		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96751		
Newlong:	-123.06075		
Site id:	ORI400000008726		

D17
North
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008725**

Well inspe:	31495		
Physical l:	Not Reported	Inspection:	09/17/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	BOB HAMILTON; 1029 HEMLOCK ST NW, SALEM;LELAND FILLMORE		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	PUMP IN BOTTOM OF WELL; DRILLER TRYING TO REMOVE		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	NE	Qtr160:	NW
Latitude d:	44.96751		
Longitude :	123.06075		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96751		
Newlong:	-123.06075		
Site id:	ORI400000008725		

C18
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008528**

Well inspe:	41179		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94748		
Longitude :	-123.05099		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		

Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94748		
Newlong:	-123.05099		
Site id:	ORI400000008528		

E19
NNW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008716**

Well inspe:	30824		
Physical l:	Not Reported	Inspection:	06/25/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; 1398 HEMLOCK ST NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO TAG ON WELL YET; HOWARD BISKIE WILL CALL WHEN DONE		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	5900		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	NE	Qtr160:	NW
Latitude d:	44.96727		
Longitude :	123.06432		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96727		
Newlong:	-123.06432		
Site id:	ORI400000008716		

E20
NNW **OR WELLS** **ORI400000008715**
1/2 - 1 Mile
Higher

Well inspe:	30796		
Physical l:	Not Reported	Inspection:	06/23/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; 1398 HEMLOCK ST NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DRILLER ON SITE; REPLACING LINER; NO TAG ON WELL		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	5900		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	NE	Qtr160:	NW
Latitude d:	44.96727		
Longitude :	123.06432		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96727		
Newlong:	-123.06432		
Site id:	ORI400000008715		

E21
NNW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008718**

Well inspe:	31404		
Physical l:	Not Reported	Inspection:	09/05/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; 1398 HEMLOCK ST NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	TAG NOW ON WELL; SEE PHOTO		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	5900		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	NE	Qtr160:	NW
Latitude d:	44.96727		
Longitude :	123.06432		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96727		
Newlong:	-123.06432		
Site id:	ORI400000008718		

E22
NNW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008717**

Well inspe:	30887		
Physical l:	Not Reported	Inspection:	07/02/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; 1398 HEMLOCK ST NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO TAG ON WELL YET; HOWARD BISKIE WILL CALL WHEN DONE;BERT JONES ON SITE		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	5900		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	16		
Qtr40:	NE	Qtr160:	NW
Latitude d:	44.96727		
Longitude :	123.06432		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96727		
Newlong:	-123.06432		
Site id:	ORI400000008717		

C23
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008529**

Well inspe:	41180		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94751		
Longitude :	-123.0509		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		
Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94751		
Newlong:	-123.0509		
Site id:	ORI400000008529		

C24
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008520**

Well inspe:	29688		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE.,	WEST SALEM	
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; NO SC NUMBER ON VAULT (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008520		

C25
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008521**

Well inspe:	30038		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; SC NUMBER NOW STAMPED ON VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008521		

C26
SE **OR WELLS** **ORI400000008525**
1/2 - 1 Mile
Lower

Well inspe:	31367		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW1; FLUSH, OLD MONUMENT LID, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LO		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94719		
Longitude :	123.05142		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94719		
Newlong:	-123.05142		
Site id:	ORI400000008525		

C27
SSE **OR WELLS** **ORI400000008514**
1/2 - 1 Mile
Lower

Well inspe:	34499		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; NO SC # ON WELL (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008514		

C28
SSE **OR WELLS** **ORI400000008515**
1/2 - 1 Mile
Lower

Well inspe:	34575		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; ALTERATION SC # NOW STAMPED ON WELL		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008515		

29
WNW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008670**

Well inspe:	24713		
Physical l:	Not Reported	Inspection:	09/05/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	HEIGHTS SUBDIVISION; 2026 ORCHARD HEIGHTS RD NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	WORK DONE ON 9/4/2002		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	17		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.96019		
Longitude :	123.07574		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96019		
Newlong:	-123.07574		
Site id:	ORI400000008670		

C30
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008527**

Well inspe:	31486		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW5; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94746		
Longitude :	123.05087		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94746		
Newlong:	-123.05087		
Site id:	ORI400000008527		

B31
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008540**

Well inspe:	30142		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, UNDER STEPS TO 2ND FLOOR OF RESTAURA		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-2, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94793		
Longitude :	123.05008		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94793		
Newlong:	-123.05008		
Site id:	ORI400000008540		

C32
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008516**

Well inspe:	29686		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE.,	WEST SALEM	
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9469		
Longitude :	123.05151		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9469		
Newlong:	-123.05151		
Site id:	ORI400000008516		

B33
SE **OR WELLS** **ORI400000008537**
1/2 - 1 Mile
Lower

Well inspe:	30143		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, IN PARKING BEHIND RESTAURANT		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-3, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94777		
Longitude :	123.04995		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94777		
Newlong:	-123.04995		
Site id:	ORI400000008537		

C34
SE **OR WELLS** **ORI400000008526**
1/2 - 1 Mile
Lower

Well inspe:	33316		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW4; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94735		
Longitude :	123.0506		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94735		
Newlong:	-123.0506		
Site id:	ORI400000008526		

F35
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008531**

Well inspe:	31485		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW6; FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.9476		
Longitude :	123.05012		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9476		
Newlong:	-123.05012		
Site id:	ORI400000008531		

C36
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008518**

Well inspe:	31366		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW2; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94707		
Longitude :	123.05089		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94707		
Newlong:	-123.05089		
Site id:	ORI400000008518		

F37
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008522**

Well inspe:	33286		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW3?; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94712		
Longitude :	123.05048		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94712		
Newlong:	-123.05048		
Site id:	ORI400000008522		

F38
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008519**

Well inspe:	32498		
Physical l:	Not Reported	Inspection:	02/26/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX OIL CO; 585 WALLACE RD NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MANAGER SAID WELL ABANDONED; VAULT STILL OVER WELL; WELL IS IN PUDDLE OF WATER		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.94709		
Longitude :	123.05051		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	UNKNOWN		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94709		
Newlong:	-123.05051		
Site id:	ORI400000008519		

F39
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008533**

Well inspe:	30141		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-7, FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK, 8" OVERSIZED CASING INSIDE VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	1994		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO METAL OVERSIZED CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008533		

F40
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008534**

Well inspe:	31024		
Physical l:	Not Reported	Inspection:	08/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	GOLDSTEIN, SHELDON, IN STREET NEAR CHALET RESTAURANT, 600 WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FOUND ASPHALT PATCH IN STREET AT GPS LOCATION FOR MW-7A, ORIG SC 97396		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2600		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008534		

F41
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008523**

Well inspe:	31371		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008523		

F42
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008524**

Well inspe:	31484		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008524		

43
NE
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006248**

Logid:	POLK 1711	Lstupdate:	Not Reported
Establby:	MARC NORTON	Xysource:	GPS
Horizerr:	20	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	0	Obswell:	N
Recwell:	9	Obsflagall:	ON
Lsdelev:	135	Site id:	ORW400000006248

44
SE
1/2 - 1 Mile
Lower

OR WELLS **ORI400000008508**

Well inspe:	29687		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUITT BROTHERS INC.; 556 MURLARK AVE, WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported

Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 100110; NO BOLTS ON MONUMENT LID		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9463		
Longitude :	123.051		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9463		
Newlong:	-123.051		
Site id:	ORI400000008508		

Map ID Direction Distance Elevation	Database	EDR ID Number
G45 **WNW** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006190**

Logid:	POLK 1752	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	430	Site id:	ORW400000006190

G46 **WNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3254456**

Agency cd:	USGS	Site no:	445733123043901
Site name:	07S/03W-17K2		
Latitude:	445733.43	EDR Site id:	USGS3254456
Longitude:	1230439.14	Dec lat:	44.95912757
Dec lon:	-123.07874754	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	053
Country:	US	Land net:	NWSES17 T0700SR0300WW
Location map:	SALEM WEST	Map scale:	24000
Altitude:	430		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	3		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle Willamette. Oregon. Area = 700 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19610814
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:	147	Hole depth:	147
Source of depth data:	driller		
Project number:	4741-16800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
47 **WNW** **1/2 - 1 Mile** **Higher**	**OR WELLS**	**ORW400000006205**

Logid:	POLK 1751	Lstupdate:	10/16/2007
Establby:	KARL WOZNIAK	Xysource:	7.5-MINUTE MAP
Horizerr:	100	Sourceorg:	OWRD
Sourceowrd:	GWATER		
Welltag:	0		
Sownum:	766	Obswell:	N
Recwell:	9	Obsflagall:	SN
Lsdelev:	360	Site id:	ORW400000006205

48 **NNW** **1/2 - 1 Mile** **Lower**	**OR WELLS**	**ORW400000006361**

Logid:	POLK 1676	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	173	Site id:	ORW400000006361

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97304	35	48.8	0.3	8.2	17

Federal EPA Radon Zone for POLK County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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

Oil and Gas Well Locations
Source: Department of Geology and Mineral Industries
Telephone: 971-673-1540
A listing of oil and gas well locations in the state.

RADON

State Database: OR Radon
Source: Oregon Health Services
Telephone: 503-731-4272
Radon Levels in Orgeon

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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Wallace Marine Park
200 Glen Creek Road NW
Salem, OR 97304

Inquiry Number: 3571084.2s
April 08, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

200 GLEN CREEK ROAD NW
SALEM, OR 97304

COORDINATES

Latitude (North):	44.9502000 - 44˚ 57' 0.72''
Longitude (West):	123.0457000 - 123˚ 2' 44.52''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	496394.9
UTM Y (Meters):	4977202.0
Elevation:	139 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2011
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

SWF/LF ..... Solid Waste Facilities List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
HIST LF	Old Closed SW Disposal Sites
SWRCY	Recycling Facility Location Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL	Clandestine Drug Labs
AOCONCERN	Columbia Slough
CDL	Uninhabitable Drug Lab Properties
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Spill Database
OR HAZMAT	Hazmat/Incidents

Other Ascertainable Records

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
UIC	Underground Injection Control Program Database
NPDES	Wastewater Permits Database
AIRS	Oregon Title V Facility Listing
HSIS	Hazardous Substance Information Survey
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PRP	Potentially Responsible Parties

EXECUTIVE SUMMARY

US FIN ASSUR..... Financial Assurance Information
2020 COR ACTION..... 2020 Corrective Action Program List
EPA WATCH LIST..... EPA WATCH LIST
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
COAL ASH..... Coal Ash Disposal Sites Listing
Financial Assurance..... Financial Assurance Information Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 02/04/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TMT-PATHWAY LLC	***1675 COMMERCIAL ST NE***	***ENE 1/4 - 1/2 (0.323 mi.)***	***R78***	***150***

Federal CERCLIS NFRAP site List

CERC-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 02/05/2013 has revealed that there are

2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALEM GAS MANUFACTURING SITE	CHEMEKETA & WATER STREE	SSE 1/8 - 1/4 (0.210 mi.)	E25	64
FORMER CHROME SHOP - EDGEWATER	940 EDGEWATER STREET	SW 1/4 - 1/2 (0.387 mi.)	W98	235

Federal RCRA generators list

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/12/2013 has revealed that there are 6 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEVENS EQUIPMENT LLC	***110 DIVISION ST NE***	***ESE 1/8 - 1/4 (0.129 mi.)***	***A7***	***15***
A C GILBERT'S DISCOVERY VILLAG	***116 MARION ST NE***	***SE 1/8 - 1/4 (0.131 mi.)***	***A8***	***25***
TRUITT BROS., INC.	***1105 FRONT ST***	***ENE 1/8 - 1/4 (0.201 mi.)***	***F21***	***57***
WESTGATE CLEANERS	***697 NW WALLACE RD***	***WSW 1/8 - 1/4 (0.234 mi.)***	***C43***	***80***
STACKHOUSE ATHLETIC EQUIPMENT	***1501 FRONT ST NE***	***ENE 1/8 - 1/4 (0.240 mi.)***	***G52***	***89***
ODEQ DRY CLEANER WESTGATE CLEA	***697 WALLACE RD NW***	***WSW 1/8 - 1/4 (0.244 mi.)***	***C54***	***92***

State- and tribal - equivalent CERCLIS

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 11/19/2012 has revealed that there are 3 OR CRL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORRIS PAINT CO. (FORMER)	***1675 COMMERCIAL ST. NE***	***ENE 1/4 - 1/2 (0.323 mi.)***	***R77***	***128***
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***WSW 1/2 - 1 (0.512 mi.)***	***144***	***320***
FOREMANS CLEANERS & LAUNDRY IN	***1070 COMMERCIAL STREET***	***S 1/2 - 1 (0.990 mi.)***	***AH154***	***379***

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 ECSI list, as provided by EDR, and dated 01/01/2013 has revealed that there are 29 ECSI sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALEM TENT AND AWNING	***280 WALLACE RD. NW***	***SSW 1/8 - 1/4 (0.162 mi.)***	***B10***	***28***
MARION COUNTY PAVING MATERIAL	***1300 FRONT ST. NE***	***ENE 1/8 - 1/4 (0.221 mi.)***	***I36***	***69***
WESTGATE CLEANERS	***697 WALLACE RD. NW***	***WSW 1/8 - 1/4 (0.244 mi.)***	***C56***	***95***
FIRST BAPTIST CHURCH OF SALEM	510 COMMERCIAL STREET N	SE 1/4 - 1/2 (0.273 mi.)	H63	107
ROBERSON MOTORS SITE (OLD)	***435 COMMERCIAL ST NE***	***SE 1/4 - 1/2 (0.282 mi.)***	***H68***	***110***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCUIT WORLD INC.	***585 9TH ST NW***	***W 1/4 - 1/2 (0.313 mi.)***	***M73***	***116***
MAIN AUTO BODY INC	***1610 COMMERCIAL ST NE***	***ENE 1/4 - 1/2 (0.319 mi.)***	***R75***	***120***
NORRIS PAINT CO. (FORMER)	***1675 COMMERCIAL ST. NE***	***ENE 1/4 - 1/2 (0.323 mi.)***	***R77***	***128***
TRACHSEL BUICK/GMC	***660 LIBERTY ST NE***	***ESE 1/4 - 1/2 (0.346 mi.)***	***N84***	***181***
Not reported	***845 BASSETT NW***	***SW 1/4 - 1/2 (0.363 mi.)***	***O92***	***201***
TRUITT BROS	***556 MURLARK AVE. NW***	***SW 1/4 - 1/2 (0.365 mi.)***	***O93***	***209***
LAKE POINT PROPERTIES, LLC	***394 CENTER ST. NE***	***SE 1/4 - 1/2 (0.367 mi.)***	***T94***	***216***
CHROME SHOP - EDGEWATER ST. (F	940 EDGEWATER ST. NW	SW 1/4 - 1/2 (0.387 mi.)	W97	231
OREGON FRUIT PRODUCTS	***150 PATTERSON ST. NW***	***SW 1/4 - 1/2 (0.427 mi.)***	***W113***	***257***
Not reported	***325 PATTERSON ST NW***	***SW 1/4 - 1/2 (0.457 mi.)***	***122***	***271***
RAWLINSONS CAPITAL CITY LAUNDR	***1264 BROADWAY NE***	***E 1/4 - 1/2 (0.471 mi.)***	***AG132***	***277***
C E MILLER COMPANY INC	***1365 BROADWAY NE***	***ENE 1/4 - 1/2 (0.480 mi.)***	***AG135***	***285***
SALEM CONVERTING	***315 COMMERCIAL ST SE***	***S 1/4 - 1/2 (0.485 mi.)***	***140***	***298***
GNB TECHNOLOGIES	***576 PATTERSON AVE***	***WSW 1/2 - 1 (0.512 mi.)***	***144***	***320***
CHARTER REALTY GROUP - PGE VAU	494 STATE ST.	SSE 1/2 - 1 (0.543 mi.)	AE145	332
STATESMAN JOURNAL	***280 CHURCH ST. NE***	***SE 1/2 - 1 (0.565 mi.)***	***146***	***335***
DELYNNS CLEANERS	***198 CHURCH ST SE***	***SSE 1/2 - 1 (0.656 mi.)***	***147***	***341***
SOIL CONTAMINATION - COTTAGE S	COTTAGE ST. NE	SE 1/2 - 1 (0.700 mi.)	148	348
BNRR - LOCUST ST MAINTENANCE F	***MYRTLE AVE NE & LOCUST***	***NE 1/2 - 1 (0.891 mi.)***	***149***	***349***
B & B PROPERTIES	***210 CAPITOL ST. NE***	***SE 1/2 - 1 (0.897 mi.)***	***150***	***354***
SAGENE PROPERTY	1038 - 1042 COMMERCIAL	S 1/2 - 1 (0.969 mi.)	AH151	363
FATS (FOREIGN AUTO TECHNICIANS	***2590 CHERRY AVE NE***	***NE 1/2 - 1 (0.976 mi.)***	***AI152***	***368***
GREENSTEIN CHILDREN'S TRUST	***2715 CHERRY AVE. NE***	***NE 1/2 - 1 (0.986 mi.)***	***AI153***	***370***
FOREMANS CLEANERS & LAUNDRY IN	***1070 COMMERCIAL STREET***	***S 1/2 - 1 (0.990 mi.)***	***AH154***	***379***

State and tribal leaking storage tank lists

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 10/01/2012 has revealed that there are 84 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEVENS EQUIPMENT COMPANY	***110 DIVISION ST NE***	***ESE 1/8 - 1/4 (0.129 mi.)***	***A6***	***15***
HEATING OIL TANK Cleanup Complete: 06/08/2001	NORTH SIDE OF CHEMEKETA	SE 1/8 - 1/4 (0.133 mi.)	A9	28
SALEM TENT AND AWNING Cleanup Complete: 08/29/2012	***280 WALLACE RD. NW***	***SSW 1/8 - 1/4 (0.162 mi.)***	***B10***	***28***
BATTING CAGES Cleanup Complete: 05/01/2007	675 BARTELL DR NW	SW 1/8 - 1/4 (0.178 mi.)	C13	38
STAR TRANSFER INC Cleanup Complete: 03/30/1993	***110 NORWAY ST NE***	***NE 1/8 - 1/4 (0.203 mi.)***	***G22***	***64***
MENNIS OIL COMPANY Cleanup Complete: 10/31/2008	475 TAGGART DR NW / 600	SW 1/8 - 1/4 (0.213 mi.)	C29	66
HAYDEN SAAB SERVICE	390 FRONT ST NE	SSE 1/8 - 1/4 (0.219 mi.)	H35	69
SHELL - 509 Cleanup Complete: 05/24/2010	***545 WALLACE RD NW***	***SW 1/8 - 1/4 (0.226 mi.)***	***B38***	***78***
BOB'S BURGERS (FORMER) Cleanup Complete: 06/21/2011	710 WALLACE RD NW	WSW 1/8 - 1/4 (0.236 mi.)	C46	85

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WALLACE SHELL	***585 WALLACE RD NW***	***SW 1/8 - 1/4 (0.236 mi.)***	***J48***	***86***
Cleanup Complete: 02/17/2011				
CAPITAL CITY GLASS	1450 FRONT STREET, NE	ENE 1/8 - 1/4 (0.236 mi.)	K51	89
Cleanup Complete: 01/19/1995				
SALEM-KEIZER YELLOW CAB CO	***253 GAINES ST***	***ENE 1/4 - 1/2 (0.256 mi.)***	***I59***	***105***
Cleanup Complete: 06/29/1999				
Cleanup Complete: 05/15/1991				
SCHAUBLIN, NORMAN	***2410 FRONT ST NE***	***NNE 1/4 - 1/2 (0.270 mi.)***	***60***	***106***
Cleanup Complete: 08/21/1991				
WILLAMETTE VALLEY TRANSFER CO	***2085 FRONT ST NE***	***NE 1/4 - 1/2 (0.270 mi.)***	***L61***	***106***
Cleanup Complete: 04/30/1996				
COMMERCIAL BUSINESS SUPPL	1115 COMMERCIAL, NE	E 1/4 - 1/2 (0.270 mi.)	F62	106
Cleanup Complete: 06/20/1989				
FRONT STREET CARDLOCK	***205 COLUMBIA ST NE***	***NE 1/4 - 1/2 (0.274 mi.)***	***L64***	***108***
RITCHIE CHEVRON	***1115 WALLACE RD NW***	***W 1/4 - 1/2 (0.275 mi.)***	***M65***	***109***
SALEM ELECTRIC	633 SEVENTH ST NW	WSW 1/4 - 1/2 (0.278 mi.)	66	109
Cleanup Complete: 11/16/1990				
EOFF ELECTRIC	***320 UNION ST NE***	***SE 1/4 - 1/2 (0.280 mi.)***	***N67***	***109***
ROBERSON MOTORS SITE (OLD)	***435 COMMERCIAL ST NE***	***SE 1/4 - 1/2 (0.282 mi.)***	***H68***	***110***
Cleanup Complete: 09/18/1992				
OREGON TURKEY GROWERS	740 BASSETT ST NW	SW 1/4 - 1/2 (0.303 mi.)	O69	115
THE ARSENAL	***280 PINE ST NE***	***NE 1/4 - 1/2 (0.305 mi.)***	***P70***	***115***
Cleanup Complete: 06/20/1997				
THE ARSENAL	280 PINE ST NE	NE 1/4 - 1/2 (0.305 mi.)	P71	115
HEATING OIL TANK	FRONT ST NE @ COURT ST	SSE 1/4 - 1/2 (0.308 mi.)	Q72	116
Cleanup Complete: 09/07/2000				
MIKE'S SEPTIC SERVICE INC	***560 GLEN CREEK ROAD NW***	***W 1/4 - 1/2 (0.314 mi.)***	***M74***	***120***
MAIN AUTO BODY INC	***1610 COMMERCIAL ST NE***	***ENE 1/4 - 1/2 (0.319 mi.)***	***R75***	***120***
Cleanup Complete: 05/29/1998				
ROBERSON MOTORS--GASOLINE	365 COMMERCIAL ST NE	SSE 1/4 - 1/2 (0.320 mi.)	Q76	127
WILLAMETTE VALLEY TRANSFER CO	***1995 COMMERCIAL ST NE***	***NE 1/4 - 1/2 (0.326 mi.)***	***79***	***172***
Cleanup Complete: 03/25/1998				
UNION GOSPEL MISSION	***345 COMMERCIAL STREET N***	***SSE 1/4 - 1/2 (0.327 mi.)***	***Q80***	***172***
HOME FUEL OIL CO	***1710 NE COMMERCIAL***	***NE 1/4 - 1/2 (0.328 mi.)***	***R81***	***172***
Cleanup Complete: 01/19/2007				
HEATING OIL TANK	***1830 COMMERCIAL ST NE***	***NE 1/4 - 1/2 (0.329 mi.)***	***82***	***173***
FIRESTONE #66F3	***295 COMMERCIAL AVE NE***	***SSE 1/4 - 1/2 (0.337 mi.)***	***Q83***	***175***
Cleanup Complete: 08/09/2002				
TRACHSEL BUICK/GMC	***660 LIBERTY ST NE***	***ESE 1/4 - 1/2 (0.346 mi.)***	***N84***	***181***
DELON AUTO CENTER	***745 LIBERTY ST NE***	***ESE 1/4 - 1/2 (0.349 mi.)***	***S85***	***190***
Cleanup Complete: 07/23/2002				
HEATING OIL TANK	730 LIBERTY ST NE	ESE 1/4 - 1/2 (0.350 mi.)	S86	195
SALEM MASONRY & SUPPLY CO	***325 PINE ST NE***	***NE 1/4 - 1/2 (0.351 mi.)***	***P87***	***195***
Cleanup Complete: 08/21/1991				
FIRST BAPTIST CHURCH	395 MARION ST NE	SE 1/4 - 1/2 (0.353 mi.)	T88	196
Cleanup Complete: 12/21/2010				
Not reported	***200 COMMERCIAL ST SE***	***SSE 1/4 - 1/2 (0.358 mi.)***	***Q89***	***196***
Cleanup Complete: 11/04/2003				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL 4498	***405 MARION***	***SE 1/4 - 1/2 (0.360 mi.)***	***T90***	***200***
Cleanup Complete: 04/25/1984				
HEATING OIL TANK	1425 LIBERTY STREET SE	ENE 1/4 - 1/2 (0.360 mi.)	U91	201
LAKE POINT PROPERTIES, LLC	***394 CENTER ST. NE***	***SE 1/4 - 1/2 (0.367 mi.)***	***T94***	***216***
Cleanup Complete: 03/31/2006				
HEATING OIL TANK	310 COURT ST NE	SSE 1/4 - 1/2 (0.368 mi.)	Q95	230
Cleanup Complete: 10/12/2011				
HEATING OIL TANK	695 HIGH STREET	ESE 1/4 - 1/2 (0.374 mi.)	V96	231
HEATING OIL TANK	2737 FRONT ST NE	NNE 1/4 - 1/2 (0.388 mi.)	X99	236
Cleanup Complete: 01/15/2008				
HEATING OIL TANK	2740 FRONT ST NE	NNE 1/4 - 1/2 (0.391 mi.)	X100	236
HEATING OIL TANK	839 LIBERTY STREET NE	ESE 1/4 - 1/2 (0.394 mi.)	S101	236
HEATING OIL TANK	841 LIBERTY RD NE	ESE 1/4 - 1/2 (0.396 mi.)	Y102	236
SALEM SIGNAL UNIT	***2445 LIBERTY NE***	***NE 1/4 - 1/2 (0.397 mi.)***	***Z103***	***237***
WEST SALEM MACHINERY CO	***665 MURLARK AVE NW***	***WSW 1/4 - 1/2 (0.397 mi.)***	***AA104***	***237***
Cleanup Complete: 06/04/2010				
SALEM CENTRE SOUTH	LIBERTY & CHEMEKETA	SE 1/4 - 1/2 (0.401 mi.)	AB105	249
Cleanup Complete: 06/09/1992				
HEATING OIL TANK	285 LIBERTY STREET NE	SE 1/4 - 1/2 (0.406 mi.)	AB106	250
WELLS FARGO LIBERTY ST	280 LIBERTY ST NE	SE 1/4 - 1/2 (0.409 mi.)	AB107	250
Cleanup Complete: 07/28/2005				
TAGGESELL PROPERTY	615 HIGH ST	ESE 1/4 - 1/2 (0.413 mi.)	V108	250
Cleanup Complete: 02/26/2002				
HANARD MACHINE INC	***859 7TH ST NW***	***WSW 1/4 - 1/2 (0.420 mi.)***	***AA109***	***250***
Cleanup Complete: 08/27/2012				
HEATING OIL TANK	870 LIBERTY ST	ESE 1/4 - 1/2 (0.421 mi.)	Y110	256
Cleanup Complete: 09/04/1992				
HEATING OIL TANK	875 LIBERTY RD NE	E 1/4 - 1/2 (0.423 mi.)	Y111	256
Cleanup Complete: 01/08/2001				
HEATING OIL TANK	1435 4TH STREET NE	ENE 1/4 - 1/2 (0.423 mi.)	U112	256
OREGON FRUIT PRODUCTS INC	***150 PATTERSON ST NW***	***SW 1/4 - 1/2 (0.427 mi.)***	***W114***	***267***
Cleanup Complete: 04/27/1999				
CITY OF SALEM (HIGH ST.)	INTERSECTION OF UNION A	ESE 1/4 - 1/2 (0.429 mi.)	V115	267
CAPITOL CAR WASH	***608 HIGH ST NE***	***ESE 1/4 - 1/2 (0.430 mi.)***	***V116***	***267***
Cleanup Complete: 08/24/2001				
WINSTON MANAGEMENT	***889 LIBERTY ST NE***	***E 1/4 - 1/2 (0.437 mi.)***	***Y117***	***268***
Cleanup Complete: 02/12/2002				
MARION CAR RENTAL CO/MARION AU	***195 COMMERCIAL ST SE***	***SSE 1/4 - 1/2 (0.445 mi.)***	***118***	***270***
Cleanup Complete: 10/09/1998				
Cleanup Complete: 01/29/1999				
HEATING OIL TANK	770 GLEN CREEK RD NW	W 1/4 - 1/2 (0.454 mi.)	AC119	270
Cleanup Complete: 10/28/2011				
GLADOW, WES	***1085 BROADWAY ST NE***	***E 1/4 - 1/2 (0.455 mi.)***	***AD120***	***270***
SENATOR OFFICE BLDG	256 HIGH STREET	SSE 1/4 - 1/2 (0.457 mi.)	AB121	271
Cleanup Complete: 07/19/2000				
HEATING OIL TANK	791 ORCHARD HEIGHTS RD	WNW 1/4 - 1/2 (0.460 mi.)	123	274
Cleanup Complete: 12/06/2000				
WEST SALEM CLINIC	***1025 EDGEWATER ST NW***	***SW 1/4 - 1/2 (0.461 mi.)***	***W124***	***274***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EAGLES SITE BAKERY Cleanup Complete: 03/26/2010	***1195 BROADWAY ST NE***	***E 1/4 - 1/2 (0.463 mi.)***	***AD125***	***275***
HEATING OIL TANK Cleanup Complete: 10/14/1996	2465 4TH STREET NE	NE 1/4 - 1/2 (0.464 mi.)	Z126	275
FORMER OBERT PROPERTY Cleanup Complete: 08/07/2006	1211 BROADWAY STREET NE	E 1/4 - 1/2 (0.465 mi.)	AD127	275
HEATING OIL TANK Cleanup Complete: 01/03/2000	1270 VALLEY VIEW NW	WNW 1/4 - 1/2 (0.465 mi.)	128	276
HEATING OIL TANK Cleanup Complete: 10/31/1996	388 STATE STREET	SSE 1/4 - 1/2 (0.466 mi.)	AE129	276
RAWLINSON'S CLEANERS II	1264 BROADWAY, NE	E 1/4 - 1/2 (0.471 mi.)	AG131	276
RAWLINSONS CAPITAL CITY LAUNDR Cleanup Complete: 03/20/1984	***1264 BROADWAY NE***	***E 1/4 - 1/2 (0.471 mi.)***	***AG132***	***277***
AYNBEE MOTORS Cleanup Complete: 09/20/2006 Cleanup Complete: 01/18/1995	***1320 BROADWAY NE***	***E 1/4 - 1/2 (0.477 mi.)***	***AG133***	***284***
HEATING OIL TANK Cleanup Complete: 09/12/2007	1165 BELAIRE DR NW	W 1/4 - 1/2 (0.478 mi.)	AC134	284
HEATING OIL TANK Cleanup Complete: 12/28/2001	1555 BEAUMONT ST NW	NW 1/4 - 1/2 (0.480 mi.)	136	297
CITY OF SALEM CONSTRUCTION	333 HIGH ST NE	SE 1/4 - 1/2 (0.483 mi.)	AB137	297
HEATING OIL TANK Cleanup Complete: 05/11/2010	1815 NW WALLACE RD	NNW 1/4 - 1/2 (0.484 mi.)	138	297
VANCE TINSETH Cleanup Complete: 09/30/2005	***1415 BROADWAY STREET NE***	***ENE 1/4 - 1/2 (0.484 mi.)***	***AG139***	***298***
HEATING OIL TANK Cleanup Complete: 07/02/1998	570 UNION ST NE	ESE 1/4 - 1/2 (0.488 mi.)	141	319

Lower Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK Cleanup Complete: 06/27/2006	2910 DREAMERIE LN NE	NNE 1/4 - 1/2 (0.469 mi.)	AF130	276
HEATING OIL TANK Cleanup Complete: 02/05/2002	2940 ISLAND VIEW DR N	NNE 1/4 - 1/2 (0.489 mi.)	AF142	319
HEATING OIL TANK Cleanup Complete: 01/27/2012	2955 ISLAND VIEW DR NE	NNE 1/4 - 1/2 (0.495 mi.)	AF143	319

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's UST List on Disk.

A review of the UST list, as provided by EDR, and dated 10/01/2012 has revealed that there are 11 UST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTAG OF SALEM INC	101 UNION ST NE	SE 0 - 1/8 (0.119 mi.)	A3	11
STEVENS EQUIPMENT COMPANY	***110 DIVISION ST NE***	***ESE 1/8 - 1/4 (0.129 mi.)***	***A6***	***15***
EVERGREEN STAGE LINES	854 FRONT ST NE	ESE 1/8 - 1/4 (0.186 mi.)	D17	45
WATER ST MAINTENANCE CENTER -	220 WATER ST NE	SSE 1/8 - 1/4 (0.191 mi.)	E19	45
STAR TRANSFER INC	***110 NORWAY ST NE***	***NE 1/8 - 1/4 (0.203 mi.)***	***G22***	***64***
MCCORMICK/SHIRE	495 WALLACE RD	SW 1/8 - 1/4 (0.212 mi.)	B28	66
HAYDEN AUTOMOTIVE	390 FRONT ST NE	SSE 1/8 - 1/4 (0.219 mi.)	H33	69
SHELL - 509	***545 WALLACE RD NW***	***SW 1/8 - 1/4 (0.226 mi.)***	***B38***	***78***
WALLACE SHELL	***585 WALLACE RD NW***	***SW 1/8 - 1/4 (0.236 mi.)***	***J48***	***86***
CAPITOL CITY GLASS CO INC	1450 FRONT ST NE	ENE 1/8 - 1/4 (0.236 mi.)	K50	88
GOODYEAR LEASED FACILITY	1505 FRONT ST NE	ENE 1/8 - 1/4 (0.240 mi.)	G53	92

AST: The Aboveground Storage Tank database contains registered ASTs. The data comes from the list of ASTs reported to the Office of State Fire Marshal.

A review of the AST list, as provided by EDR, and dated 03/01/2012 has revealed that there are 7 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COURTHOUSE ATHLETIC CLUB	***300 NW GLEN CREEK RD***	***W 0 - 1/8 (0.050 mi.)***	***1***	***7***
STEVENS EQUIPMENT LLC	***110 DIVISION ST NE***	***ESE 1/8 - 1/4 (0.129 mi.)***	***A7***	***15***
SALEM TENT AND AWNING	***280 WALLACE RD. NW***	***SSW 1/8 - 1/4 (0.162 mi.)***	***B10***	***28***
HAROLDS QUALITY AUTO RPR INC	***675 NW BARTELL DR NW ST***	***SW 1/8 - 1/4 (0.164 mi.)***	***C11***	***32***
DAY HEATING COMPANY	***730 FRONT ST NE***	***ESE 1/8 - 1/4 (0.181 mi.)***	***D14***	***38***
MARK NELSON OIL	***854 FRONT ST NE***	***ESE 1/8 - 1/4 (0.186 mi.)***	***D16***	***41***
TRUITT BROS INC	***1105 FRONT ST NE***	***ENE 1/8 - 1/4 (0.201 mi.)***	***F20***	***45***

State and tribal institutional control / engineering control registries

ENG CONTROLS: 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.

A review of the ENG CONTROLS list, as provided by EDR, and dated 01/01/2013 has revealed that there is 1 ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTGATE CLEANERS	***697 WALLACE RD. NW***	***WSW 1/8 - 1/4 (0.244 mi.)***	***C56***	***95***

INST CONTROL: Sites with Engineering or Institutional Controls.

A review of the INST CONTROL list, as provided by EDR, and dated 01/01/2013 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALEM CONVERTING	***315 COMMERCIAL ST SE***	***S 1/4 - 1/2 (0.485 mi.)***	***140***	***298***

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 01/28/2013 has revealed that there are 6 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MARION COUNTY PAVING MATERIAL	***1300 FRONT ST. NE***	***ENE 1/8 - 1/4 (0.221 mi.)***	***I36***	***69***
Not reported	***845 BASSETT NW***	***SW 1/4 - 1/2 (0.363 mi.)***	***O92***	***201***
OREGON FRUIT PRODUCTS	***150 PATTERSON ST. NW***	***SW 1/4 - 1/2 (0.427 mi.)***	***W113***	***257***
RAWLINSONS CAPITAL CITY LAUNDR	***1264 BROADWAY NE***	***E 1/4 - 1/2 (0.471 mi.)***	***AG132***	***277***
C E MILLER COMPANY INC	***1365 BROADWAY NE***	***ENE 1/4 - 1/2 (0.480 mi.)***	***AG135***	***285***
SALEM CONVERTING	***315 COMMERCIAL ST SE***	***S 1/4 - 1/2 (0.485 mi.)***	***140***	***298***

State and tribal Brownfields sites

Brownfields investigations and/or cleanups that have been conducted in Oregon.

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/19/2012 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALEM CONVERTING	***315 COMMERCIAL ST SE***	***S 1/4 - 1/2 (0.485 mi.)***	***140***	***298***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/12/2013 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION ST. OF RR-BRIDGE	100 UNION ST NE	SE 0 - 1/8 (0.120 mi.)	A4	12
SALEM CITY OF ROCKEN-FIELD BEA	***154 MARION ST***	***SE 1/8 - 1/4 (0.215 mi.)***	***H31***	***67***
WESTGATE SHOPPING CENTER	695 WALLACE RD NW	WSW 1/8 - 1/4 (0.236 mi.)	C44	83
SHELL OIL PRODUCTS US SAP 1247	585 WALLACE RD NW	SW 1/8 - 1/4 (0.236 mi.)	J49	87

EXECUTIVE SUMMARY

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2011 has revealed that there are 5 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION ST. OF RR-BRIDGE	100 UNION ST NE	SE 0 - 1/8 (0.120 mi.)	A5	13
A C GILBERT'S DISCOVERY VILLAG	***116 MARION ST NE***	***SE 1/8 - 1/4 (0.131 mi.)***	***A8***	***25***
SALEM CITY OF ROCKEN-FIELD BEA	***154 MARION ST***	***SE 1/8 - 1/4 (0.215 mi.)***	***H31***	***67***
SHELL OIL PRODUCTS US SAP 1247	585 WALLACE RD NW	SW 1/8 - 1/4 (0.236 mi.)	J47	85
ODEQ DRY CLEANER WESTGATE CLEA	***697 WALLACE RD NW***	***WSW 1/8 - 1/4 (0.244 mi.)***	***C54***	***92***

DRYCLEANERS: A listing of registered drycleaning facilities in Oregon.

A review of the DRYCLEANERS list, as provided by EDR, and dated 02/06/2012 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTGATE CLEANERS	***697 WALLACE RD. NW***	***WSW 1/8 - 1/4 (0.244 mi.)***	***C56***	***95***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALEM GAS MANUFACTURING SITE	CHEMEKETA AND WATER STR	SSE 1/8 - 1/4 (0.210 mi.)	E24	64

EDR US Hist Auto Stat: 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 17 EDR US

EXECUTIVE SUMMARY

Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	334 CALICO ST NW	NNW 0 - 1/8 (0.074 mi.)	2	11
Not reported	675 BARTELL DR NW	SW 1/8 - 1/4 (0.164 mi.)	C12	38
MOTOR COACH SERVICES BUS & AUT	854 FRONT ST NE	ESE 1/8 - 1/4 (0.186 mi.)	D15	41
DAVIDSONS AUTO SERVICE INC	636 FRONT ST NE	SE 1/8 - 1/4 (0.188 mi.)	A18	45
Not reported	530 WALLACE RD NW	SW 1/8 - 1/4 (0.209 mi.)	B23	64
SOMETHING SPECIAL AUTOMOTIVE I	245 DIVISION ST NE	ESE 1/8 - 1/4 (0.211 mi.)	D26	65
LUIS EXXON SERVICE	545 WALLACE RD NW	SW 1/8 - 1/4 (0.211 mi.)	B27	65
PRIDE OF OREGON TEXACO SERV ST	583 WALLACE RD NW	SW 1/8 - 1/4 (0.213 mi.)	C30	66
HAYDEN AUTOMOTIVE FOREIGN SERV	390 FRONT ST NE	SSE 1/8 - 1/4 (0.219 mi.)	H32	68
HAYDEN AUTOMOTIVE SAAB SERV RE	390 FRONT ST NE	SSE 1/8 - 1/4 (0.219 mi.)	H34	69
MASTER SERVICT CENTER INC	210 CENTER ST NE	SSE 1/8 - 1/4 (0.226 mi.)	H37	78
Not reported	570 BASSETT ST NW	SW 1/8 - 1/4 (0.229 mi.)	B39	79
Not reported	470 VEALL LN NW	WSW 1/8 - 1/4 (0.230 mi.)	C41	79
CRISWELL MOTOR CO AUTO REPR	690 WALLACE RD NW	WSW 1/8 - 1/4 (0.232 mi.)	C42	80
FLETCHALLS RICHFIELD GAS STA	710 WALLACE RD NW	WSW 1/8 - 1/4 (0.236 mi.)	C45	84
BCWMANS BILL GARAGF	241 CENTER ST NE	SE 1/8 - 1/4 (0.246 mi.)	H57	104
GEORGES AUTO SERVICE	245 CENTER ST NE	SE 1/8 - 1/4 (0.249 mi.)	H58	105

EDR US Hist 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

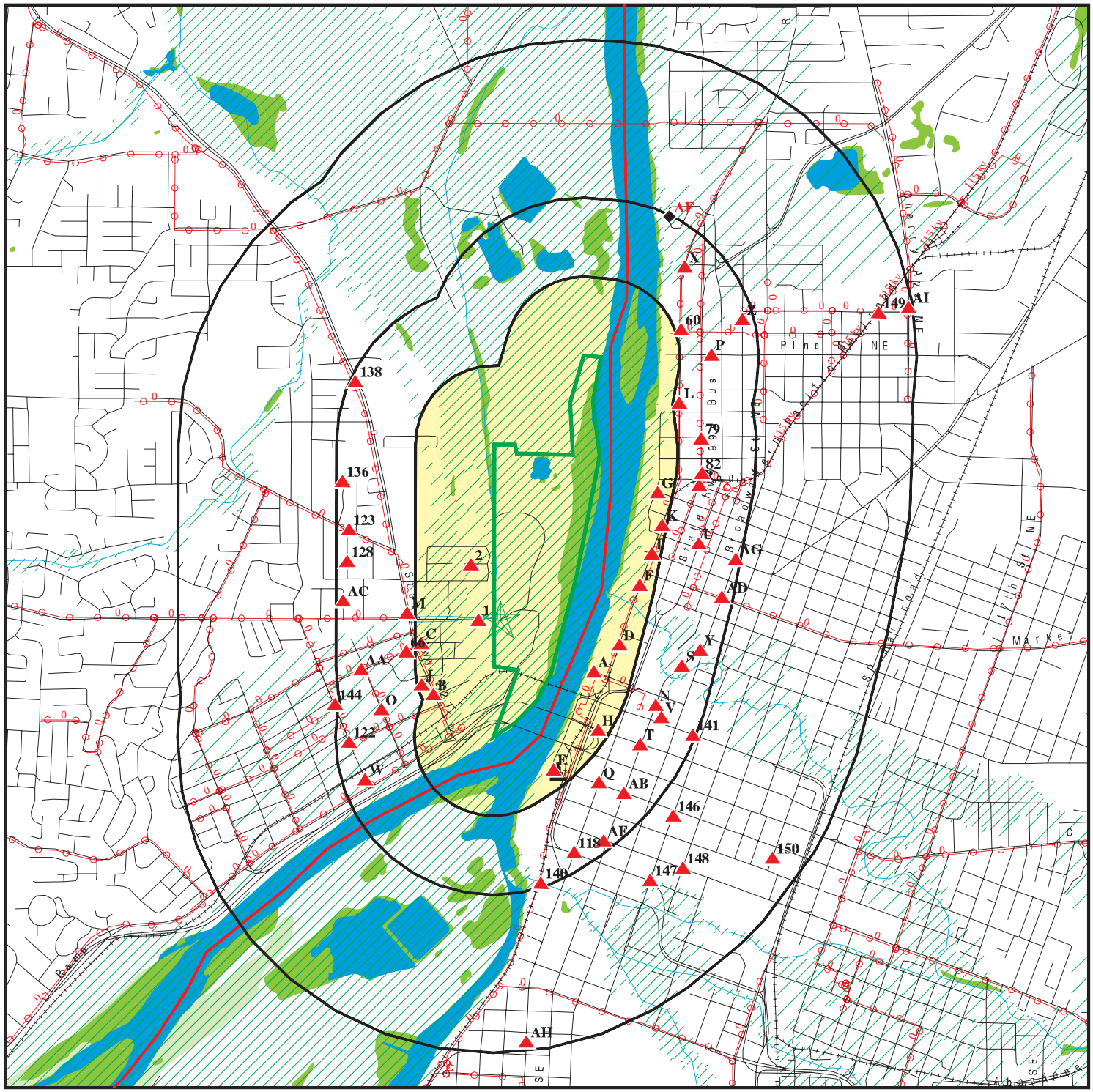
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST GATE LAUNDROMAT	665 WALLACE RD NW	WSW 1/8 - 1/4 (0.229 mi.)	C40	79
WEST GATE CLEANERS DCLO CINS	697 WALLACE RD NW	WSW 1/8 - 1/4 (0.244 mi.)	C55	94

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 24 records.

Site Name	Database(s)
SALEM AIRPORT DISPOSAL SITE	FINDS, SWF/LF, Financial Assurance
SALEM AIRPORT CRASH FIRE TRAINING	FINDS, ECSI
MILL CREEK DISTRICT PROPERTY, PARC	ECSI
MILL CREEK DISTRICT PROPERTY, PARC	ECSI
MILL CREEK DISTRICT PROPERTY, PARC	VCP, ECSI
SALEM RIVERFRONT PARK PROJECT	FINDS, OR CRL, ENG CONTROLS, INST CONTROL, VCP, BROWNFIELDS, ECSI
PICTSWEET PROPERTIES (FORMER)	VCP, ECSI
SALEM LANDFILL	ECSI
LINDBECK FARM (FORMER)	VCP, ECSI
WEST SALEM - 7TH & PATTERSON	CERCLIS
BPA	AST, HSIS
DERMAC LABS INC	AST, HSIS
JLPN INC	AST, HSIS
VERIZON BUSINESS	AST, HSIS
BATTLECREEK SEWAGE LIFT STATION	LUST, UST
TSUCHIDA, BIN	LUST
SALEM CY OF - REGIONAL PARK & REC	RCRA NonGen / NLR, FINDS
CAPITAL MANOR INC	RCRA-CESQG, FINDS
WALLACE HILLS ESTATES	FINDS
WALLACE MARINE PARK	SPILLS
OP&R - HOLMAN STATE PARK	UIC
WILLAMETTE VALLEY INDUSTRIAL PARK	NPDES
EOLA BEND RV PARK	NPDES
WALLACE HILLS ESTATES	NPDES

OVERVIEW MAP - 3571084.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Power transmission lines

Oil & Gas pipelines from USGS

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: Wallace Marine Park	CLIENT: Ecology and Environment
ADDRESS: 200 Glen Creek Road NW Salem OR 97304	CONTACT: Derek Pulvino
LAT/LONG: 44.9502 / 123.0457	INQUIRY #: 3571084.2s
	DATE: April 08, 2013 7:04 pm

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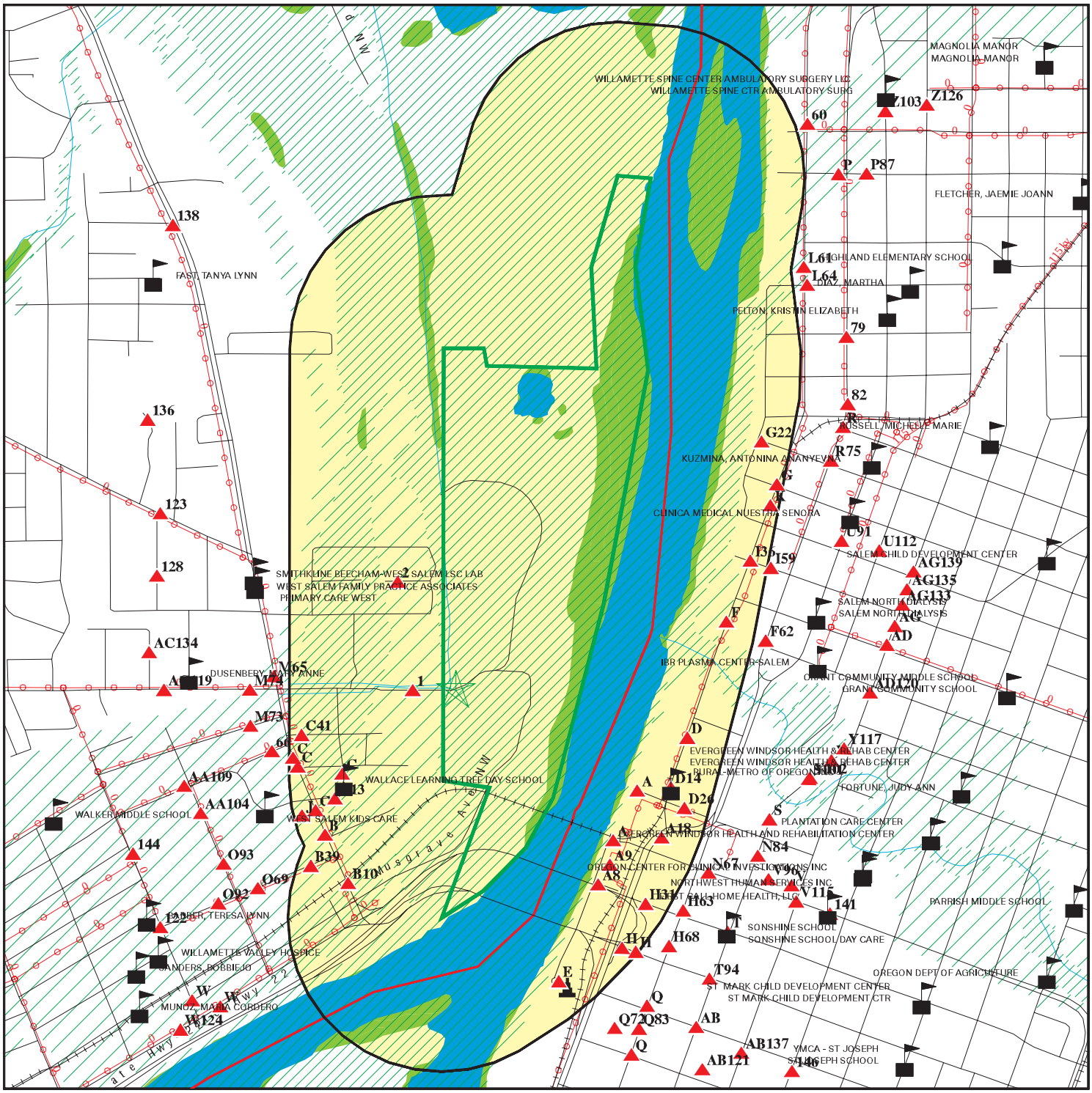
DETAIL MAP - 3571084.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/8 1/4 1/2 Miles

Indian Reservations BIA

County Boundary

Power transmission lines

Oil & Gas pipelines from USGS

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:	Wallace Marine Park	CLIENT:	Ecology and Environment
ADDRESS:	200 Glen Creek Road NW Salem OR 97304	CONTACT:	Derek Pulvino
		INQUIRY #:	3571084.2s
LAT/LONG:	44.9502 / 123.0457	DATE:	April 08, 2013 7:05 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	1	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	1	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	6	NR	NR	NR	6
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
OR CRL	1.000		0	0	1	2	NR	3
ECSI	1.000		0	3	15	11	NR	29
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	11	73	NR	NR	84
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	10	NR	NR	NR	11

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		1	6	NR	NR	NR	7
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	1	0	NR	NR	1
INST CONTROL	0.500		0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	1	5	NR	NR	6
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
OR HAZMAT	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	3	NR	NR	NR	4
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		1	4	NR	NR	NR	5
DRYCLEANERS	0.250		0	2	NR	NR	NR	2
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HSIS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	1	0	0	NR	1
EDR US Hist Auto Stat	0.250		1	16	NR	NR	NR	17
EDR US Hist Cleaners	0.250		0	2	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 West < 1/8 0.050 mi. 262 ft. | **COURTHOUSE ATHLETIC CLUB**
300 NW GLEN CREEK RD
SALEM, OR 97304 | **AST** **S110283585**
HSIS **N/A**

Relative: Higher

Actual: 144 ft.

AST:

Facility Id:	109218
Hazardous Substance:	CARBON DIOXIDE
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	TANK INSIDE BUILDING
Storage 2:	ABOVEGROUND TANK

HSIS:

Facility Id:	109218
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	W FACILITY
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	713940
NAICS Desc 1:	FITNESS AND RECREATIONAL SPORTS CENTERS
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	DREW BAKER
Business Phone:	5035813171
Mailing Address:	PO BOX 3125
Mailing City,St,Zip:	SALEM, OR 97302
No. of Employees:	Not reported
Day Phone:	5035813171
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	DREW BAKER
Emergency Procedure:	Not reported
Business Type:	PRIVATE ATHLETIC CLUB

Facility:

Facility Id:	109218
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	A
Temperature Description:	ABOVEGROUND TANK
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365

COURTHOUSE ATHLETIC CLUB (Continued) **S110283585**

Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	1013
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1013
Chemical Abstract Service Identifier Number:	124389
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	109218
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	Not reported

COURTHOUSE ATHLETIC CLUB (Continued) **S110283585**

Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7647145
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	109218
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	01
Maximum Amount Possessed During The Year Code:	01
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	G
Description:	CARBOY
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5-9
Description Of The Avg Qnty Code:	5-9
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported

COURTHOUSE ATHLETIC CLUB (Continued) **S110283585**

Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	Yes
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	109218
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	CALCIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	2880
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

COURTHOUSE ATHLETIC CLUB (Continued) **S110283585**

United Nations/north America 4 Digit Class Number:	2880
Chemical Abstract Service Identifier Number:	7778543
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	1258-1233
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	Yes
Contains 313:	No

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2 **EDR US Hist Auto Stat** **1015433091**
NNW **334 CALICO ST NW** **N/A**
< 1/8 **SALEM, OR 97304**
0.074 mi.
391 ft.

Relative:
Higher

Actual:
140 ft.

EDR Historical Auto Stations:

Name:	BEST AUTO DEALER SERVICES
Year:	2005
Address:	334 CALICO ST NW
Name:	BEST AUTO DEALER SERVICES
Year:	2006
Address:	334 CALICO ST NW

A3 **MONTAG OF SALEM INC** **UST** **U000433797**
SE **101 UNION ST NE** **N/A**
< 1/8 **SALEM, OR 97301**
0.119 mi.
626 ft. **Site 1 of 8 in cluster A**

Relative:
Higher

Actual:
157 ft.

UST:

Facility ID:	9167
Facility Telephone:	(503) 585-6396
Permittee Name:	SID SCHAIN, MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

A4 SE < 1/8 0.120 mi. 631 ft. | **UNION ST. OF RR-BRIDGE**
100 UNION ST NE
SALEM, OR 97301 | **RCRA NonGen / NLR** | **1011863660**
ORQ000027855

Site 2 of 8 in cluster A

Relative: Higher

Actual: 157 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/31/2010
Facility name:	UNION ST. OF RR-BRIDGE
Facility address:	100 UNION ST NE SALEM, OR 97301
EPA ID:	ORQ000027855
Mailing address:	350 COMMERCIAL ST NE SALEM, OR 97301
Contact:	TODD KLOCKE
Contact address:	350 COMMERCIAL ST NE SALEM, OR 97301
Contact country:	US
Contact telephone:	503 588-6178 EX
Contact email:	Not reported
EPA Region:	10
Land type:	Municipal
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF SALEM
Owner/operator address:	555 LIBERTY ST SE SALEM, OR 97301
Owner/operator country:	US
Owner/operator telephone:	503 588-6178
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/2010
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF SALEM
Owner/operator address:	350 COMMERCIAL ST NE SALEM, OR 97301
Owner/operator country:	US
Owner/operator telephone:	503 588-6178 EX
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	01/02/2009
Owner/Op end date:	Not reported

Handler Activities Summary:

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

UNION ST. OF RR-BRIDGE (Continued) **1011863660**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/2009
Facility name: UNION ST. OF RR-BRIDGE
Classification: Large Quantity Generator

Date form received by agency: 12/30/2009
Facility name: UNION ST. OF RR-BRIDGE
Classification: Large Quantity Generator

Date form received by agency: 12/31/2008
Facility name: UNION ST. OF RR-BRIDGE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/05/2008
Facility name: UNION ST. OF RR-BRIDGE
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 16700

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/15/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

A5 **UNION ST. OF RR-BRIDGE** **MANIFEST** **S111258790**
SE **100 UNION ST NE** **N/A**
< 1/8 **SALEM, OR 97301**
0.120 mi.
631 ft. **Site 3 of 8 in cluster A**

Relative:
Higher

Actual:
157 ft.

OR MANIFEST:
Manifest Year: Manifest Year - 2010
EPA Id: ORQ000027855
Inactive Status: 2010-12-31 00:00:00
Organization Name: Not reported
Contact First Name: Todd
Contact Last Name: Klocke

UNION ST. OF RR-BRIDGE (Continued) **S111258790**

Contact Telephone Number: Not reported
Mailing Address: 350 Commercial St NE
Mailing City: Salem
Mailing State: OR
Mailing Zip: 97301

RCRA Id : ORQ000027855
Inactive : 2010-12-31 00:00:00
Year : 2010
Status: Large quantity generator
Manifest : 002826975
Ship Date : 03/17/2010
TSD : ORD089452353
WS Num: 1
Transporter : ORQ000023150
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H111
EPA Waste Codes: D008
Waste Description: Sand blast material and lead paint removed from Historic bridge
Tot Amt Of Waste Stream Generated in Reporting Yr: 33241.550000000003
Tot Amt Of Waste Stream Generated in Reporting Yr: 13605

RCRA Id : ORQ000027855
Inactive : 2010-12-31 00:00:00
Year : 2010
Status: Large quantity generator
Manifest : 002826995
Ship Date : 04/26/2010
TSD : ORD089452353
WS Num: 1
Transporter : ORQ000023150
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H111
EPA Waste Codes: D008
Waste Description: Sand blast material and lead paint removed from Historic bridge
Tot Amt Of Waste Stream Generated in Reporting Yr: 33241.550000000003
Tot Amt Of Waste Stream Generated in Reporting Yr: 15872.5

RCRA Id : ORQ000027855
Inactive : 2010-12-31 00:00:00
Year : 2010
Status: Large quantity generator
Manifest : 002825622
Ship Date : 01/25/2010
TSD : ORD089452353
WS Num: 1
Transporter : ORQ000023150
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H111
EPA Waste Codes: D008
Waste Description: Sand blast material and lead paint removed from Historic bridge
Tot Amt Of Waste Stream Generated in Reporting Yr: 33241.550000000003
Tot Amt Of Waste Stream Generated in Reporting Yr: 11337.5

A6
ESE
1/8-1/4
0.129 mi.
683 ft.

STEVENS EQUIPMENT COMPANY
110 DIVISION ST NE
SALEM, OR 97301

LUST **U000434145**
UST **N/A**

Site 4 of 8 in cluster A

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	24-91-4181
Cleanup Received Date:	06/24/1991
Cleanup Start Date:	06/11/1991
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	10698
Facility Telephone:	(503) 581-2511
Permittee Name:	ROBERT CUNNINGHAM, PLANT SUPERINTENDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	3
Number of Tanks:	3

A7
ESE
1/8-1/4
0.129 mi.
683 ft.

STEVENS EQUIPMENT LLC
110 DIVISION ST NE
SALEM, OR 97301

RCRA-CESQG **1000430219**
FINDS **ORD009056250**
AST
HSIS

Site 5 of 8 in cluster A

Relative:
Higher

Actual:
157 ft.

RCRA-CESQG:

Date form received by agency:	10/21/2008
Facility name:	STEVENS EQUIPMENT LLC
Facility address:	110 DIVISION ST NE SALEM, OR 97301
EPA ID:	ORD009056250
Mailing address:	672 MURLARK AVE NW SALEM, OR 97304-3813
Contact:	MARY DRUSHELLA
Contact address:	PO BOX 12006 SALEM, OR 97309
Contact country:	US
Contact telephone:	(503)581-2511
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Owner/Operator Summary:

Owner/operator name:	STEVENS EQUIPMENT LLC
Owner/operator address:	PO BOX 12006 SALEM, OR 97309
Owner/operator country:	US
Owner/operator telephone:	(503)581-2511
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/22/2004
Owner/Op end date:	Not reported

Owner/operator name:	STEVENS EQUIPMENT LLC
Owner/operator address:	PO BOX 12006 SALEM, OR 97309
Owner/operator country:	US
Owner/operator telephone:	(503)581-2511
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	03/22/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	03/22/2004
Facility name:	STEVENS EQUIPMENT LLC
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	12/31/2003
Facility name:	STEVENS EQUIPMENT LLC
Site name:	STEVENS EQUIPMENT COMPANY
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	01/30/2003
Facility name:	STEVENS EQUIPMENT LLC
Site name:	STEVENS EQUIPMENT COMPANY
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	02/08/2002
Facility name:	STEVENS EQUIPMENT LLC
Site name:	STEVENS EQUIPMENT COMPANY

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/12/2001
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/2000
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/22/1999
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Small Quantity Generator

Date form received by agency: 02/19/1998
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/19/1997
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/1996
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Large Quantity Generator

Date form received by agency: 02/28/1996
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Large Quantity Generator

Date form received by agency: 01/09/1995
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/28/1994
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/05/1993
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: STEVENS EQUIPMENT LLC
Site name: STEVENS EQUIPMENT COMPANY
Classification: Conditionally Exempt Small Quantity Generator

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 06/28/2010
Date achieved compliance: 08/03/2010
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/02/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 06/28/2010
Date achieved compliance: 08/03/2010
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/22/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 06/28/2010
Date achieved compliance: 08/03/2010
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/22/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/18/1990
Date achieved compliance: 05/04/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 10/03/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/18/1990
Date achieved compliance: 05/04/1991
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 07/10/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/18/1990
Date achieved compliance: 05/04/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/05/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/28/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 08/03/2010
Evaluation lead agency: State

Evaluation date: 06/28/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 08/03/2010
Evaluation lead agency: State

Evaluation date: 12/18/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 05/04/1991
Evaluation lead agency: State

FINDS:

Registry ID: 110000850375

Environmental Interest/Information System

STEVENS EQUIPMENT LLC (Continued) **1000430219**

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.

AST:

Facility Id:	000735
Hazardous Substance:	OXYGEN LIQUID
Reporting Quantities:	200-499
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

HSIS:

Facility Id:	000735
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	332312
NAICS Desc 1:	FABRICATED STRUCTURAL METAL MANUFACTURING
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	JOHN GALL REG AGT
Business Phone:	5035812511
Mailing Address:	672 NW MURLARK AVE
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	30
Day Phone:	5035812511
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	JOHN LAYTON
Emergency Procedure:	LUNCH RM - SHOP OFFICE - FRONT OFFICE
Business Type:	STEEL FABRICATION

Facility:

Facility Id:	000735
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	363
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1954
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1954
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Yes
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	000735
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	TOLUENE, XYLENE
United Nations/north America 4 Digit Class Number:	1263
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1263
Chemical Abstract Service Identifier Number:	108883
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Yes

Facility Id:	000735
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	CRYOGENIC CONDITIONS
Temperature of The Hazardous Substance Code:	7
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	2187
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	2187
Chemical Abstract Service Identifier Number:	124389
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	000735
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	LIGHT PETROLEUM DISTILLATE
United Nations/north America 4 Digit Class Number:	1993

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	64742478
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	000735
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	332
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	NITROGEN
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported

STEVENS EQUIPMENT LLC (Continued) **1000430219**

Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 2.2
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1956
Chemical Abstract Service Identifier Number: 7727379
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Non-flammable Gas
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 2.2
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: Yes
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

A8 **A C GILBERT'S DISCOVERY VILLAGE** **RCRA-CESQG** **1005417955**
SE **116 MARION ST NE** **FINDS** **ORQ000017947**
1/8-1/4 **SALEM, OR 97301** **MANIFEST**
0.131 mi.
694 ft. **Site 6 of 8 in cluster A**

Relative:
Higher

Actual:
154 ft.

RCRA-CESQG:
Date form received by agency: 12/31/2006
Facility name: A C GILBERT'S DISCOVERY VILLAGE
Facility address: 116 MARION ST NE
SALEM, OR 97301
EPA ID: ORQ000017947
Mailing address: 1580 20TH ST SE
SALEM, OR 97302
Contact: TYE GODFREY
Contact address: 1580 20TH ST SE
SALEM, OR 97302
Contact country: US
Contact telephone: (503) 588-6306
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

A C GILBERT'S DISCOVERY VILLAGE (Continued) **1005417955**

the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	SALEM CITY OF
Owner/operator address:	555 LIBERTY ST SE SALEM, OR 97301
Owner/operator country:	US
Owner/operator telephone:	(503) 588-6306
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	10/18/2005
Owner/Op end date:	Not reported

Owner/operator name:	A C GILBERT'S DISCOVERY VILLAGE
Owner/operator address:	116 MARION ST NE SALEM, OR 97301
Owner/operator country:	US
Owner/operator telephone:	503 371-3631
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/16/1989
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	12/31/2005
Facility name:	A C GILBERT'S DISCOVERY VILLAGE
Classification:	Small Quantity Generator

Date form received by agency:	10/18/2005
Facility name:	A C GILBERT'S DISCOVERY VILLAGE
Classification:	Small Quantity Generator

Date form received by agency:	03/01/2002
Facility name:	A C GILBERT'S DISCOVERY VILLAGE
Site name:	R & D TECH PACIFIC FOR PARRISH HOUSE
Classification:	Small Quantity Generator

Date form received by agency: 06/06/2001

A C GILBERT'S DISCOVERY VILLAGE (Continued) **1005417955**

Facility name: A C GILBERT'S DISCOVERY VILLAGE
Site name: R & D TECH PACIFIC FOR PARRISH HOUSE
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

FINDS:

Registry ID: 110012258635

Environmental Interest/Information System
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.

OR MANIFEST:
Manifest Year: Manifest Year - 2006
EPA Id: ORQ000017947
Inactive Status: Not reported
Organization Name: Not reported
Contact First Name: Tye
Contact Last Name: Godfrey
Contact Telephone Number: 503 588-6306
Mailing Address: 1580 20th St SE
Mailing City: Salem
Mailing State: OR
Mailing Zip: 97302

RCRA Id : ORQ000017947
Inactive : Not reported
Year : 2005
Status: Small quantity generator
Manifest : 24108258
Ship Date : 11/30/2005
TSD : CAD009452657
WS Num: Not reported
Transporter : CAD009452657
Ship Qty : 2400
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D008
Waste Description: lead contaminated paint and paint remover

A C GILBERT'S DISCOVERY VILLAGE (Continued) **1005417955**

Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

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A9
SE
1/8-1/4
0.133 mi.
702 ft.

HEATING OIL TANK **LUST** **S102418268**
NORTH SIDE OF CHEMEKETA SKY BRIDGE **N/A**
SALEM, OR 97301

Site 7 of 8 in cluster A

Relative:
Higher

Actual:
154 ft.

LUST:
Region: Western Region
Facility ID: 24-96-4161
Cleanup Received Date: 11/08/1996
Cleanup Start Date: 11/08/1996
Cleanup Complete Date: 06/08/2001

B10
SSW
1/8-1/4
0.162 mi.
857 ft.

SALEM TENT AND AWNING **LUST** **S108060549**
280 WALLACE RD. NW **AST** **N/A**
SALEM, OR 97304 **HSIS**
ECSI

Site 1 of 6 in cluster B

Relative:
Higher

Actual:
146 ft.

LUST:
Region: Western Region
Facility ID: 27-06-1242
Cleanup Received Date: 07/10/2006
Cleanup Start Date: 07/11/2006
Cleanup Complete Date: 08/29/2012

AST:
Facility Id: 002436
Hazardous Substance: DIESEL 2
Reporting Quantities: 50-199
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

HSIS:
Facility Id: 002436
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: No
NAICS Code 1: 314912
NAICS Desc 1: CANVAS AND RELATED PRODUCT MILLS
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: TERRY L WATSON
Business Phone: 5033634788
Mailing Address: PO BOX 5274
Mailing City,St,Zip: SALEM, OR 97304
No. of Employees: 14
Day Phone: 5033634788
Placard: No

SALEM TENT AND AWNING (Continued) **S108060549**

Fire Dept Code: 0321
Sprinkler System: No
Emergency Contact: TERRY WATSON
Emergency Procedure: Not reported
Business Type: TENT & AWNING MFG

Facility:

Facility Id:	002436
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	68476346
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported

Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

SALEM TENT AND AWNING (Continued) **S108060549**

ECSI:

State ID Number:	5221	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	112504	Further Action:	0
Lat/Long (dms):	44 56 43.80 / -123 2 55.70	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	SSADOFS	Update Date:	08/07/2012
Alias Name:	LUST 27-06-1242		

Narrative:

NARR ID: 5751852
NARR Code: Hazardous Substance/Waste Types
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments: Diesel range petroleum hydrocarbons

NARR ID: 5751854
NARR Code: Manner of Release
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments: Leaking heating oil tank

NARR ID: 5751853
NARR Code: Media Contamination
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: IBALCOM
Updated Date: 11/18/2009
NARR Comments: Soil and groundwater

NARR ID: 5754126
NARR Code: Remedial Action
Created By: SSADOFS
Created Date: 08/07/2012
Updated By: GWISTAR
Updated Date: 12/28/2012
NARR Comments: (9/12/12 SJS/VCP) Site has been investigated and there is no evidence of any contamination other than that documented from LUST #27-06-1242. The site was evaluated and reviewed under the HOT program, which issued a closure letter for the site 8/29/12. No further action needed.

NARR ID: 5751851
NARR Code: 1922
Created By: IBALCOM
Created Date: 11/18/2009
Updated By: EKELLEY

SALEM TENT AND AWNING (Continued) **S108060549**

Updated Date: 05/01/2012
NARR Comments: [Nov. 2009] Excerpt (below) from report received June 2008 (see associated webdocs entry for complete report).

Also see LUST log #27-06-1242 On June 29, 2006, initial soil sa mple was collected at the east end of the 500 gallon heating oil tank. The tank was located on the north side of the building. Upon collection ofthe soil sample, there was a strong odor of petroleum. This soil sample, collected at 7.5 feet below ground surface (bgs) beneath the east end of the underground heating oil tank (tank), detected diesel, gas and heavy oil. This soil sample also contained 56.2 parts per million (ppm) gasoline and 3,520 ppm diesel total petroleum hydrocarbons (TPH). A second soil sample was collected at the soil water interface at 14.5 feet bgs. This sample detected gasoline, dies el, and heavy oil and the TPH results were 21.3 ppm gasoline and 15,700 diesel.

The tank was removed from the ground on July 24, 2006, and deliver ed to Cherry City Metals in Salem for recycling. The fluids inside ofthe tank were taken to Oil Re-Refining Company (ORRCO), a petroleum recycler. Additionally, eight hundred (8 00) gallons of water was pumped from the excavation and recycled by ORRCO.

Contaminated soil was removed from the area below and next to the former tank. Six (6) dump truck loads of soil was removed and taken to Riverbend Landfill in McMinnville. The total tonnage was 77.58 tons. The excavation was 20 feet deep, 16 feet long (north to south), and 12 feet wide (east to west).

Soil and groundwater samples were collected from the excavation. T he groundwater sample was collected with a plastic bailer after the pit recharged in 24 hours. The water sample contained 4.51 ppm diesel TPH, 0.182 ppm gasoline, TPH, and 0.00829 ppm lead. Also detected were Acenaphthene at 2.28 parts per billion (ppb),

Fluorene at 7.26 ppb, and n-Propylbenzene at 1.13 ppb. Confirmation soil samples were collected from the sides of the excavation, the excavation floor, and the soil-water interface (north and south at 13 feet bgs). The north sidewall's NWTPH-Dx result at nine (9) feet bgs was 15,700 ppm and at 13 feet bg s it was 2,550 ppm. No benzene, toluene, ethylbenzene, or total xylenes (BTEX) compounds were detected. The south pit wall's 13 feet bgs Dx result was 2,420 ppm diesel with no BTEX compounds detected. Samples from the east and west sidewalls had Dx results of below 50 ppm at nine (9) feet bgs. These samples contained no diesel, BTEX or polynuclear aromatic compound (PAH) compounds above the laboratory reporting limits or risked based screening levels.

Delineation soil samples were obtained from the north, south, and we st side walls of the excavation. There was a six (6)-inch diameter storm sewer buried four (4) feet bgs intersecting the southwest comer of the excavation. The PVC pipe did not have any cracks, and there was no petroleum contamination around the pipe that was bedded in silty loam soil. The south excavation and delineation sidewall samples were completed next to this storm sewer line. The delineation borings showed a reduction in contaminant levels in all directions in the 10-13 feet bgs horizon from three (3) to six (6) feet into the

SALEM TENT AND AWNING (Continued) **S108060549**

north, south, east, and west sidewalls. Impact in the south sidewall was not defined to below 500 ppm, and levels beneath the building decreased from 2,420 ppm to 982 ppm after six (6) feet. The pit was backfilled with crushed rock on July 25, 2006.

Administrative Action:

Admin ID:	736665	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/30/2009	Complete Date:	06/30/2009
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	736666	Action ID:	9476
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/09/2009	Complete Date:	06/09/2009
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2965	Cleanup Flag:	False
Created By:	IBALCOM	Created Date:	06/30/2009
Action Code:	REFER	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to Program		
Further Action:	Medium-Low		
Comments:	See LUST 27-06-1242, site is a HOT site.		

Admin ID:	740081	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/07/2012	Complete Date:	08/29/2012
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/07/2012
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Further review suggests the site will be evaluated as a Heating Oil Tank site, there is no evidence of other contamination.		

C11 **HAROLDS QUALITY AUTO RPR INC** **AST** **S111210331**
SW **675 NW BARTELL DR NW STE A** **HSIS** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.164 mi.
865 ft. **Site 1 of 15 in cluster C**

Relative:
Higher

Actual:
144 ft.

AST:

Facility Id:	067873
Hazardous Substance:	ANTIFREEZE
Reporting Quantities:	50-199
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK
Storage 2:	PLASTIC BOTTLE, JUG, BUCKET

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

HSIS:

Facility Id:	067873
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	811111
NAICS Desc 1:	GENERAL AUTOMOTIVE REPAIR
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	HAROLD WOOD CORP PRES
Business Phone:	5033659702
Mailing Address:	675 NW BARTELL DR STE A
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	5
Day Phone:	9712182646
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	HAROLD WOOD
Emergency Procedure:	Not reported
Business Type:	AUTOMOTIVE REPAIR SHOP

Facility:

Facility Id:	067873
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	N
Temperature Description:	PLASTIC BOTTLE, JUG, BUCKET
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Chemical:

United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	067873
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	No
Pesticide:	No
Contains 313:	Not reported

Facility Id:	067873
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	2.2

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Hazard Class 3 Of The Chemical:	2.2
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	067873
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	ACETYLENE DISSOLVED
United Nations/north America 4 Digit Class Number:	1001
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1001
Chemical Abstract Service Identifier Number:	74862
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Yes
Contains EHS:	No

HAROLDS QUALITY AUTO RPR INC (Continued) **S111210331**

Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	067873
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	1,1,1,2-TETRAFLUOROETHANE
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	811972
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

C12
SW
1/8-1/4
0.164 mi.
865 ft.

675 BARTELL DR NW
SALEM, OR 97304

Site 2 of 15 in cluster C

EDR US Hist Auto Stat **1015597525**
N/A

Relative:
Higher

Actual:
144 ft.

EDR Historical Auto Stations:

Name: HAROLDS QUALITY AUTO REPAIR INC
Year: 2009
Address: 675 BARTELL DR NW

Name: HAROLDS QUALITY AUTO REPAIR
Year: 2010
Address: 675 BARTELL DR NW

Name: HAROLDS QUALITY AUTO REPAIR INC
Year: 2012
Address: 675 BARTELL DR NW

C13
SW
1/8-1/4
0.178 mi.
938 ft.

BATTING CAGES
675 BARTELL DR NW
SALEM, OR 97304

Site 3 of 15 in cluster C

LUST **S108572954**
N/A

Relative:
Higher

Actual:
144 ft.

LUST:

Region: Western Region
Facility ID: 27-07-0336
Cleanup Received Date: 03/01/2007
Cleanup Start Date: 07/20/2006
Cleanup Complete Date: 05/01/2007

D14
ESE
1/8-1/4
0.181 mi.
955 ft.

DAY HEATING COMPANY
730 FRONT ST NE
SALEM, OR 97301

Site 1 of 5 in cluster D

AST **S111248826**
HSIS **N/A**

Relative:
Higher

Actual:
156 ft.

AST:

Facility Id: 103678
Hazardous Substance: WASTE FUEL OIL
Reporting Quantities: 200-499
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

HSIS:

Facility Id: 103678
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: Not reported
NAICS Code 1: 238220
NAICS Desc 1: PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: JIM KLOPFENSTEIN
Business Phone: 5033634822

DAY HEATING COMPANY (Continued) **S111248826**

Mailing Address:	225 DIVISION ST NE
Mailing City,St,Zip:	SALEM, OR 97301
No. of Employees:	0
Day Phone:	5033634822
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	JIM KLOPFENSTEIN
Emergency Procedure:	Not reported
Business Type:	HVAC

Facility:

Facility Id:	103678
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	CHLORODIFLUOROMETHANE
United Nations/north America 4 Digit Class Number:	1018
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1018
Chemical Abstract Service Identifier Number:	75456
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported

DAY HEATING COMPANY (Continued) **S111248826**

Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	103678
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	68334305
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

D15 ESE 1/8-1/4 0.186 mi. 983 ft. | **MOTOR COACH SERVICES BUS & AUTO REPR** | **EDR US Hist Auto Stat** | **1014196206**
854 FRONT ST NE | **N/A**
MARION (County), OR 97301

Site 2 of 5 in cluster D

Relative: Higher

Actual: 157 ft.

EDR Historical Auto Stations:

Name: MOTOR COACH SERVICES BUS & AUTO REPR
Year: 1986
Type: AUTOMOBILE REPAIRING

Name: FOXS AUTO REPAIR
Year: 2003
Address: 854 FRONT ST NE

Name: FOXS AUTO REPAIR
Year: 2010
Address: 854 FRONT ST NE

Name: FOXS AUTO REPAIR
Year: 2011
Address: 854 FRONT ST NE

Name: FOXS AUTO REPAIR
Year: 2012
Address: 854 FRONT ST NE

D16 ESE 1/8-1/4 0.186 mi. 983 ft. | **MARK NELSON OIL** | **AST** | **S103997019**
854 FRONT ST NE | **SPILLS** | **N/A**
SALEM, OR 97301 | **HSIS**

Site 3 of 5 in cluster D

Relative: Higher

Actual: 157 ft.

AST:

Facility Id: 053042
Hazardous Substance: USED OIL
Reporting Quantities: 200-499
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

OR SPILLS:

Year: Not reported
Facility ID: Not reported
Spill Date: 04/16/1994
Material: SEWAGE
Quantity: 0
Unit of Measure: Not reported
How Occurred: OVERFLOW FROM SEPTIC SYSTEM
Release Date: / /
Description: Not reported
Location: Not reported
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: NORMA EDWARDS
Responsible Contact: Not reported
Responsible Address: Not reported

MARK NELSON OIL (Continued) **S103997019**

Responsible City,St,Zip: Not reported
Responsible Country: Not reported

Year: Not reported
Facility ID: 98-3052
Spill Date: Not reported
Material: Diesel fuel
Quantity: 28
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 12/11/1998
Description: 28 gallons of diesel lost to the roadway over several miles from a damaged fuel filter on a bus. Road slickness resulted in several slick areas or accidents. Road was sanded. Rains carried fuel away- not recoverable.
Location: Not reported
Lat/Long: 44.9491 / -123.038
Source: Motor Vehicle - Commercial
Material: Not reported
Media: On pavement/asphalt - not direct on soil
Responsible Company: Evergreen Stage Line, Inc.
Responsible Contact: Dave Edwards
Responsible Address: 854 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1029
Responsible Country: MARION

Year: Not reported
Facility ID: 98-3052
Spill Date: Not reported
Material: Diesel fuel
Quantity: 28
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 12/11/1998
Description: 28 gallons of diesel lost to the roadway over several miles from a damaged fuel filter on a bus. Road slickness resulted in several slick areas or accidents. Road was sanded. Rains carried fuel away- not recoverable.
Location: Not reported
Lat/Long: 44.9491 / -123.038
Source: Motor Vehicle - Commercial
Material: Not reported
Media: Not reported
Responsible Company: Evergreen Stage Line, Inc.
Responsible Contact: Dave Edwards
Responsible Address: 854 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1029
Responsible Country: MARION

Year: Not reported
Facility ID: 99-1393
Spill Date: Not reported
Material: Diesel fuel
Quantity: 15
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 06/17/1999

MARK NELSON OIL (Continued) **S103997019**

Description: Overfill of 10-15 gal at a bulk tank-(actually back-surge of product).
Location: Not reported
Lat/Long: 44.9491 / -123.038
Source: Bulk Petroleum Storage
Material: Not reported
Media: On pavement/asphalt - not direct on soil
Responsible Company: Mark Nelson Oil
Responsible Contact: Larry Laughlin
Responsible Address: 854 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1029
Responsible Country: MARION

Year: Not reported
Facility ID: Not reported
Spill Date: Not reported
Material: Not reported
Quantity: 0
Unit of Measure: Not reported
How Occurred: Not reported
Release Date: / /
Description: Two foot high bubbles on Amazon Creek next to it was a car wash. Turned out to be soap spill/discharge from car wash/
Location: West 11th
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: Amazon Creek
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

HSIS:
Facility Id: 053042
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: Yes
Contains 112R: No
NAICS Code 1: 811111
NAICS Desc 1: GENERAL AUTOMOTIVE REPAIR
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: DAVID A FOX
Business Phone: 5035814418
Mailing Address: 3816 SENECA AVE SE
Mailing City,St,Zip: SALEM, OR 97302
No. of Employees: 1
Day Phone: 5035814418
Placard: Not reported
Fire Dept Code: 0321
Sprinkler System: Not reported
Emergency Contact: DAVID A FOX
Emergency Procedure: OFFICE WALL
Business Type: AUTO MECHANICAL REPAIRS

Facility:

MARK NELSON OIL (Continued) **S103997019**

Facility Id:	053042
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

D17 ESE 1/8-1/4 0.186 mi. 983 ft. — **EVERGREEN STAGE LINES**, **854 FRONT ST NE**, **SALEM, OR 97301** — **UST** — **U001150247** / **N/A**

Site 4 of 5 in cluster D

Relative: Higher

Actual: 157 ft.

UST:

Facility ID:	11184
Facility Telephone:	(503)378-0225
Permittee Name:	W M CROTHERS, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

A18 SE 1/8-1/4 0.188 mi. 991 ft. — **DAVIDSONS AUTO SERVICE INC**, **636 FRONT ST NE**, **SALEM, OR 97301** — **EDR US Hist Auto Stat** — **1014194504** / **N/A**

Site 8 of 8 in cluster A

Relative: Higher

Actual: 156 ft.

EDR Historical Auto Stations:

Name:	OAVIDSONS AUTO SERVICE
Year:	1966
Type:	AUTOMOBILE REPAIRING
Name:	DAVIDSONS AUTO SERVICE INC
Year:	1976
Type:	AUTOMOBILE REPAIRING

E19 SSE 1/8-1/4 0.191 mi. 1008 ft. — **WATER ST MAINTENANCE CENTER - 010524**, **220 WATER ST NE**, **SALEM, OR 97301** — **UST** — **U000433844** / **N/A**

Site 1 of 3 in cluster E

Relative: Higher

Actual: 154 ft.

UST:

Facility ID:	6265
Facility Telephone:	(503)588-6063
Permittee Name:	HOFFER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

F20 ENE 1/8-1/4 0.201 mi. 1063 ft. — **TRUITT BROS INC**, **1105 FRONT ST NE**, **SALEM, OR 97301** — **AST**, **SPILLS**, **OR HAZMAT**, **NPDES**, **HSIS** — **S108663197** / **N/A**

Site 1 of 3 in cluster F

Relative: Higher

Actual: 146 ft.

AST:

Facility Id:	001065
Hazardous Substance:	HEATING OIL 9
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID

TRUITT BROS INC (Continued) **S108663197**

Storage 1: ABOVEGROUND TANK

Facility Id: 001065
Hazardous Substance: PROPANE
Reporting Quantities: 1,000-4,999
Quantity Units: GALLONS
Physical State: GAS
Storage 1: ABOVEGROUND TANK

Facility Id: 001065
Hazardous Substance: WASTE OIL
Reporting Quantities: 200-499
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

OR SPILLS:

Year: Not reported
Facility ID: 02-1900
Spill Date: Not reported
Material: Process water, etc.
Quantity: 300
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 08/07/2002
Description: Wastewater spilled to next to bank of Willamette River - no water impacts.
Location: Not reported
Lat/Long: 44.9519 / -123.0359
Source: Business
Material: Not reported
Media: Non-saturated soil, rock, etc.
Responsible Company: Truatt Bros. Cannery
Responsible Contact: Andrew Meyerhofer
Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

Year: Not reported
Facility ID: 05-2019
Spill Date: Not reported
Material: Products, manufacturing intermediates, etc.
Quantity: 50
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 08/27/2005
Description: Truitt Bros. reporting the overflow if a 1000 gallon open top tank. Approximately 50 gallons of liquid sodium silicate spilled to the ground. The liquid is diluted with water. The sodium silicate is used to float pears.
Location: Not reported
Lat/Long: 44.9519 / -123.0359
Source: Business
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Truitt Bros., Inc.
Responsible Contact: David Truitt

TRUITT BROS INC (Continued) **S108663197**

Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

Year: Not reported
Facility ID: 05-2019
Spill Date: Not reported
Material: Products, manufacturing intermediates, etc.
Quantity: 50
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 08/27/2005
Description: Truitt Bros. reporting the overflow if a 1000 gallon open top tank. Approximately 50 gallons of liquid sodium silicate spilled to the ground. The liquid is diluted with water. The sodium silicate is used to float pears.
Location: Not reported
Lat/Long: 44.9519 / -123.0359
Source: Business
Material: Not reported
Media: Non-saturated soil, rock, etc.
Responsible Company: Truitt Bros., Inc.
Responsible Contact: David Truitt
Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

Year: Not reported
Facility ID: 04-2160
Spill Date: Not reported
Material: Products, manufacturing intermediates, etc.
Quantity: 40
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 09/24/2004
Description: Sodium Silicate spilled to embankment at Truit Bros. Salem Pollution Control on-scene says it has soaked in, is non-toxic and removal from bank would destabilize bank. Overflow tank was too small during transfer. Product used to wash fruit.
Location: Not reported
Lat/Long: 44.9515 / -123.0368
Source: Business
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Truitt Bros., Inc.
Responsible Contact: David Truitt
Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

Year: Not reported
Facility ID: 04-2160
Spill Date: Not reported
Material: Products, manufacturing intermediates, etc.
Quantity: 40
Unit of Measure: Gallons
How Occurred: Not reported

TRUITT BROS INC (Continued) **S108663197**

Release Date: 09/24/2004
Description: Sodium Silicate spilled to embankment at Truit Bros. Salem Pollution Control on-scene says it has soaked in, is non-toxic and removal from bank would destabilize bank. Overflow tank was too small during transfer. Product used to wash fruit.
Location: Not reported
Lat/Long: 44.9515 / -123.0368
Source: Business
Material: Not reported
Media: Non-saturated soil, rock, etc.
Responsible Company: Truitt Bros., Inc.
Responsible Contact: David Truitt
Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

Year: Not reported
Facility ID: 04-2257
Spill Date: Not reported
Material: Process water, etc.
Quantity: 100
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 10/05/2004
Description: At 1700 hours yesterday they had Roto Rooter come out to clear a line. During that time, they discovered that the line had collapsed causing an overflow of wastewater to the Willamette River. Estimated release is 50-100 gallons. Truitt Bros. reported to the City of Salem.
Location: Not reported
Lat/Long: 44.9519 / -123.0359
Source: Business
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Truitt Bros., Inc.
Responsible Contact: David Truitt
Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

Year: Not reported
Facility ID: 04-2257
Spill Date: Not reported
Material: Process water, etc.
Quantity: 100
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 10/05/2004
Description: At 1700 hours yesterday they had Roto Rooter come out to clear a line. During that time, they discovered that the line had collapsed causing an overflow of wastewater to the Willamette River. Estimated release is 50-100 gallons. Truitt Bros. reported to the City of Salem.
Location: Not reported
Lat/Long: 44.9519 / -123.0359
Source: Business
Material: Not reported
Media: Non-saturated soil, rock, etc.
Responsible Company: Truitt Bros., Inc.

TRUITT BROS INC (Continued) **S108663197**

Responsible Contact: David Truitt
Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

Year: Not reported
Facility ID: 04-2257
Spill Date: Not reported
Material: Process water, etc.
Quantity: 100
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 10/05/2004
Description: At 1700 hours yesterday they had Roto Rooter come out to clear a line. During that time, they discovered that the line had collapsed causing an overflow of wastewater to the Willamette River. Estimated release is 50-100 gallons. Truitt Bros. reported to the City of Salem.
Location: Not reported
Lat/Long: 44.9519 / -123.0359
Source: Business
Material: Not reported
Media: Not reported
Responsible Company: Truitt Bros., Inc.
Responsible Contact: David Truitt
Responsible Address: 1105 Front St NE
Responsible City,St,Zip: Salem, OR 97301-1034
Responsible Country: MARION

HAZMAT:

Responsble Party:	Not reported
RP Company:	TRUITT BROS INC
RP Address:	1105 FRONT ST NE
RP City,St,Zip:	SALEM, OR 97301
Facility ID:	910058
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported

TRUITT BROS INC (Continued) **S108663197**

Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	0005886245
Osfm Incident Report Number:	910058
Dept. Responding:	SALEM FD
Person Making Report:	BRUCE GERTER
Title:	ACT CAPT
Agency:	SALEM FD
Phone:	0005886245
Date Of Incident:	01/27/1991
Call Time:	3:49:00 PM
In Route:	12:00:00 AM
Arrival:	3:59:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	4:16:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	100873
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Structure
Area Type:	Industrial
Responsible Party(Ies):	Not reported
Company:	TRUITT BROS INC
Respcontact:	Not reported
Address:	1105 FRONT ST NE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97301
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	False
Operation Performed:	Not reported
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	5915
Chemical Id:	35430
Incident Id:	910058
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0

TRUITT BROS INC (Continued) **S108663197**

Biological: False
Radiological: False

Chemical Id: 35430
Chemical Name: UNKNOWN CHEMICAL
Hazardous Ingredient: UNKNOWN CHEMICAL
Hazardous Class 1: 9.0
Hazardous Class 2: Not reported
Hazardous Rank: 2
Case Number: Not reported
UNNA Number: Not reported
EPA Pest Reg: Not reported
EHA Chem: Not reported
PSM Chem: Not reported
CAA 112R Chem: Not reported

Method:
Method Used Id: 4623
Incident Id: 910058
Identity Method: 5

Released:
Release Behavior Id: 8549
Incident Id: 910058
Behavior: 9

Narrative:
Narrative Id: 3251
Incident Id: 910058
Incident Narrative: FIRE AND POLICE UNITS RESPONDED TO REPORT OF LIQUID NITROGEN LEAKING FROM A BROKEN PIPE. AREA SECURED. ADVISED THERE IS NO CRYOGENIC MATERIALS STORED ON-SITE. BROKEN PIPE WAS A STEAM VESSEL UPON INVESTIGATION.
Incident Date: 1/27/1991

NPDES:
WQ File Nbr: 107292
Legal Name: TRUITT BROS., INC.
Region: Not reported
Pri SIC: 2033
Facility Type: Not reported
Latitude: Not reported
Longitude: Not reported
Category: Not reported
Permit Type: GEN12F
Permit Active: Not reported
Is Active?: FALSE
Permit Description: Not reported
Expiration Date: Not reported
EPA Number: Not reported
UIC Facility: Not reported
Admin Agent: Not reported
Last Action Date: Not reported
Permit Writer: Not reported

TRUITT BROS INC (Continued) **S108663197**

Compliance Inspector:	Not reported
DMR Reviewer:	Not reported
Application Number:	Not reported
Class:	Not reported
Start Date:	Not reported

WQ File Nbr:	107292
Legal Name:	TRUITT BROS., INC.
Region:	WR
Pri SIC:	2033
Facility Type:	CANNED FRUITS AND VEGETABLES
Latitude:	44.9519
Longitude:	-123.0359
Category:	STM
Permit Type:	GEN12Z
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Stormwater; NPDES specific SIC codes
Expiration Date:	06/30/2012
EPA Number:	ORR121162
UIC Facility:	False
Admin Agent:	Salem Office
Last Action Date:	04/24/2012
Permit Writer:	English
Compliance Inspector:	English
DMR Reviewer:	English
Application Number:	964422
Class:	MINOR
Start Date:	11/17/1997

HSIS:

Facility Id:	001065
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	PRODUCTION
Facility Has Written Emergency Plan:	Yes
Contains 112R:	Yes
NAICS Code 1:	311421
NAICS Desc 1:	FRUIT AND VEGETABLE CANNING
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	DAVID TRUITT OWNER
Business Phone:	5033623674
Mailing Address:	PO BOX 309
Mailing City,St,Zip:	SALEM, OR 97308
No. of Employees:	485
Day Phone:	5033623674
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	DARREN WINDER
Emergency Procedure:	PERSONNEL OFFICE
Business Type:	PROCESSING FRUITS & VEGETABLES

Facility:

Facility Id:	001065
Physical State Of The Substance:	2
Physical State:	LIQUID

TRUITT BROS INC (Continued) **S108663197**

Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1845
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1845
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001065
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F

TRUITT BROS INC (Continued) **S108663197**

Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	ACETONE
United Nations/north America 4 Digit Class Number:	1263
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1263
Chemical Abstract Service Identifier Number:	67641
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001065
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

TRUITT BROS INC (Continued) **S108663197**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	METHYL ETHYL KETONE
United Nations/north America 4 Digit Class Number:	1992
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1992
Chemical Abstract Service Identifier Number:	78933
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Yes

Facility Id:	001065
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

TRUITT BROS INC (Continued) **S108663197**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	1013
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1013
Chemical Abstract Service Identifier Number:	124389
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001065
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	30
Maximum Amount Possessed During The Year Code:	30
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999

TRUITT BROS INC (Continued) **S108663197**

Most Hazardous Ingridient:	ACETYLENE
United Nations/north America 4 Digit Class Number:	1001
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1001
Chemical Abstract Service Identifier Number:	74862
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

F21 **TRUITT BROS., INC.** **RCRA-CESQG** **1001489536**
ENE **1105 FRONT ST** **FINDS** **ORD987174901**
1/8-1/4 **SALEM, OR 97301** **US AIRS**
0.201 mi.
1063 ft. **Site 2 of 3 in cluster F**

Relative:
Higher

Actual:
146 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2010
Facility name:	TRUITT BROS INC
Facility address:	1105 FRONT ST NE SALEM, OR 97301
EPA ID:	ORD987174901
Mailing address:	PO BOX 309 SALEM, OR 97308-0309
Contact:	TERRY HANSEN
Contact address:	PO BOX 309 SALEM, OR 97308-0309
Contact country:	US
Contact telephone:	(503) 362-3674
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous

TRUITT BROS., INC. (Continued) **1001489536**

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

Owner/Operator Summary:

Owner/operator name:	TRUITT BROS INC
Owner/operator address:	PO BOX 309 SALEM, OR 97308
Owner/operator country:	US
Owner/operator telephone:	(503) 362-3674
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/02/1998
Owner/Op end date:	Not reported

Owner/operator name:	TRUITT BROS INC
Owner/operator address:	PO BOX 309 SALEM, OR 97308
Owner/operator country:	US
Owner/operator telephone:	(503) 362-3674
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2010
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	12/31/2003
Facility name:	TRUITT BROS INC
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	01/08/2003
Facility name:	TRUITT BROS INC

TRUITT BROS., INC. (Continued) **1001489536**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/04/2002
Facility name: TRUITT BROS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/19/2001
Facility name: TRUITT BROS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/09/2000
Facility name: TRUITT BROS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/23/1999
Facility name: TRUITT BROS INC
Classification: Small Quantity Generator

Date form received by agency: 03/02/1998
Facility name: TRUITT BROS INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 12/17/2010
Date achieved compliance: 03/31/2011
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/28/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/17/2010
Date achieved compliance: 03/31/2011
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/28/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

TRUITT BROS., INC. (Continued) **1001489536**

Area of violation: Used Oil - Generators
Date violation determined: 12/17/2010
Date achieved compliance: 03/31/2011
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/28/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 12/17/2010
Date achieved compliance: 06/15/2011
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/28/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/17/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 03/31/2011
Evaluation lead agency: State

Evaluation date: 12/17/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/15/2011
Evaluation lead agency: State

Evaluation date: 12/17/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/31/2011
Evaluation lead agency: State

Evaluation date: 12/17/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 03/31/2011
Evaluation lead agency: State

FINDS:

Registry ID: 110001657813

Environmental Interest/Information System

TRUITT BROS., INC. (Continued) **1001489536**

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.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

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.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001657813
Plant name:	TRUITT BROS., INC.
Plant address:	1105 FRONT ST SALEM, OR 97301
County:	MARION
Region code:	10
Dunn & Bradst #:	Not reported
Air quality cntrl region:	193
Sic code:	4961
Sic code desc:	STEAM AND AIR-CONDITIONING SUPPLY
North Am. industrial classf:	Not reported
NAIC code description:	Not reported
Default compliance status:	IN COMPLIANCE - CERTIFICATION
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT

TRUITT BROS., INC. (Continued) **1001489536**

Current HPV: Not reported

Compliance and Enforcement Major Issues:
Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 0904
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1202

TRUITT BROS., INC. (Continued) **1001489536**

Air prog code hist file: 0

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE
Plant air program pollutant: PARTICULATE MATTER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: SULFUR DIOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: CARBON MONOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: TOTAL PARTICULATE MATTER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

G22 NE 1/8-1/4 0.203 mi. 1070 ft. — **STAR TRANSFER INC**, **110 NORWAY ST NE**, **SALEM, OR 97303** — **LUST** **U000434043**; **UST** **N/A**

Site 1 of 3 in cluster G

Relative: Higher

Actual: 154 ft.

LUST:

Region:	Western Region
Facility ID:	24-92-4111
Cleanup Received Date:	06/30/1992
Cleanup Start Date:	06/28/1992
Cleanup Complete Date:	**03/30/1993**

UST:

Facility ID:	9913
Facility Telephone:	(503)364-9136
Permittee Name:	LARRY L HUGHES, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

B23 SW 1/8-1/4 0.209 mi. 1104 ft. — **530 WALLACE RD NW**, **SALEM, OR 97304** — **EDR US Hist Auto Stat** **1015541982**; **N/A**

Site 2 of 6 in cluster B

Relative: Higher

Actual: 144 ft.

EDR Historical Auto Stations:

Name:	LES SCHWAB TIRE CTR
Year:	2002
Address:	530 WALLACE RD NW
Name:	LES SCHWAB TIRE CENTERS
Year:	2008
Address:	530 WALLACE RD NW

E24 SSE 1/8-1/4 0.210 mi. 1110 ft. — **SALEM GAS MANUFACTURING SITE**, **CHEMEKETA AND WATER STREETS**, **SALEM, OR 97301** — **EDR MGP** **1008408803**; **N/A**

Site 2 of 3 in cluster E

Relative: Higher

Actual: 155 ft.

Manufactured Gas Plants:

Alternate Name:SALEM GASLIGHT CO; PORTLAND ELECTRIC POWER CO; PORTLAND GAS AND COKE CO. No additional information available

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E25 SSE 1/8-1/4 0.210 mi. 1110 ft. — **SALEM GAS MANUFACTURING SITE**, **CHEMEKETA & WATER STREETS**, **SALEM, OR 97301** — **CERC-NFRAP** **1003880287**; **ORD981762875**

Site 3 of 3 in cluster E

Relative: Higher

Actual: 155 ft.

CERC-NFRAP:

Site ID:	1000530
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL

SALEM GAS MANUFACTURING SITE (Continued) **1003880287**

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: SALEM GAS MANUFACTURING SITE
Alias Address: Not reported
MARION, OR

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: 04/29/87
Date Completed: 06/30/87
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 06/30/87
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 11/30/86
Priority Level: Not reported

D26 ESE 1/8-1/4 0.211 mi. 1112 ft. | **SOMETHING SPECIAL AUTOMOTIVE INC REPRS** | **EDR US Hist Auto Stat** | **1014192193**
245 DIVISION ST NE | **N/A**
SALEM, OR 97301

Site 5 of 5 in cluster D

Relative: Higher
Actual: 156 ft.

EDR Historical Auto Stations:
Name: SOMETHING SPECIAL AUTOMOTIVE INC REPRS
Year: 1989
Type: AUTOMOBILE REPAIRING

B27 SW 1/8-1/4 0.211 mi. 1112 ft. | **LUIS EXXON SERVICE** | **EDR US Hist Auto Stat** | **1014162593**
545 WALLACE RD NW | **N/A**
SALEM, OR 97304

Site 3 of 6 in cluster B

Relative: Higher
Actual: 144 ft.

EDR Historical Auto Stations:
Name: WEST SALEM SIGNAL GAS STA
Year: 1961
Type: GASOLINE STATIONS

Name: WESTGATE SIGNAL SERVICE GAS ST
Year: 1966
Type: GASOLINE STATIONS

Name: WEST GATE EXXON SERVICE
Year: 1980
Type: GASOLINE STATIONS

Name: LUIS EXXON SERVICE
Year: 1986

LUIS EXXON SERVICE (Continued) **1014162593**

Type: GASOLINE STATIONS

Name: WEST SALEM EXXON
Year: 1989
Type: GASOLINE STATIONS

B28 **MCCORMICK/SHIRE** **UST** **U000434073**
SW **495 WALLACE RD** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.212 mi.
1117 ft. **Site 4 of 6 in cluster B**

Relative:
Higher

Actual:
144 ft.

UST:
Facility ID: 10338
Facility Telephone: (503)364-3323
Permittee Name: DAN WALLACE
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

C29 **MENNIS OIL COMPANY** **LUST** **S101511256**
SW **475 TAGGART DR NW / 600 WALLACE RD NW** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.213 mi.
1122 ft. **Site 4 of 15 in cluster C**

Relative:
Higher

Actual:
144 ft.

LUST:
Region: Western Region
Facility ID: 27-88-4047
Cleanup Received Date: 11/14/1988
Cleanup Start Date: 03/08/1992
Cleanup Complete Date: 10/31/2008

C30 **PRIDE OF OREGON TEXACO SERV STA** **EDR US Hist Auto Stat** **1014182160**
SW **583 WALLACE RD NW** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.213 mi.
1126 ft. **Site 5 of 15 in cluster C**

Relative:
Higher

Actual:
144 ft.

EDR Historical Auto Stations:
Name: PRIDE OF OREGON TEXACO SERV STA
Year: 1989
Type: GASOLINE STATIONS

Name: WEST SALEM TEXACO
Year: 1999
Address: 583 WALLACE RD NW

H31 SE 1/8-1/4 0.215 mi. 1133 ft.

SALEM CITY OF ROCKEN-FIELD BEAN HOUSE
154 MARION ST
SALEM, OR 97302

RCRA NonGen / NLR
MANIFEST

1008195991
ORQ000021824

Site 1 of 10 in cluster H

Relative: Higher

Actual: 157 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2004
Facility name:	SALEM CITY OF ROCKEN-FIELD BEAN HOUSE
Facility address:	154 MARION ST SALEM, OR 97302
EPA ID:	ORQ000021824
Mailing address:	1580 20TH ST SE BLDG 24 SALEM, OR 97302
Contact:	RACHAEL HOSTETLER
Contact address:	1580 20TH ST SE BLDG 24 SALEM, OR 97302
Contact country:	US
Contact telephone:	(503) 588-6306
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SALEM CITY OF
Owner/operator address:	1580 20TH ST SE SALEM, OR 97302
Owner/operator country:	US
Owner/operator telephone:	(503) 589-2173
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/06/2003
Owner/Op end date:	Not reported

Owner/operator name:	SALEM CITY OF
Owner/operator address:	1580 20TH ST SE SALEM, OR 97302
Owner/operator country:	US
Owner/operator telephone:	(503) 589-2173
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

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

SALEM CITY OF ROCKEN-FIELD BEAN HOUSE (Continued) **1008195991**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/2003
Facility name: SALEM CITY OF ROCKEN-FIELD BEAN HOUSE
Classification: Not a generator, verified

Date form received by agency: 12/17/2002
Facility name: SALEM CITY OF ROCKEN-FIELD BEAN HOUSE
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

OR MANIFEST:
Manifest Year: Manifest Year - 2004
EPA Id: ORQ000021824
Inactive Status: 2004-01-01 00:00:00
Organization Name: Not reported
Contact First Name: Rachael
Contact Last Name: Hostetler
Contact Telephone Number: (503) 588-6306
Mailing Address: 1580 20th St SE Bldg 24
Mailing City: Salem
Mailing State: OR
Mailing Zip: 97302

H32 **HAYDEN AUTOMOTIVE FOREIGN SERV REPR** **EDR US Hist Auto Stat** **1014195126**
SSE **390 FRONT ST NE** **N/A**
1/8-1/4 **SALEM, OR 97301**
0.219 mi.
1154 ft. **Site 2 of 10 in cluster H**

Relative:
Higher

Actual:
156 ft.

EDR Historical Auto Stations:
Name: HAYDEN AUTOMOTIVE FOREIGN SERV REPR
Year: 1989
Type: AUTOMOBILE REPAIRING

Name: HAYDEN SAAB AUTOMOBILE SERVICE
Year: 2003
Address: 390 FRONT ST NE

H33 SSE 1/8-1/4 0.219 mi. 1154 ft. — **HAYDEN AUTOMOTIVE**, **390 FRONT ST NE**, **SALEM, OR 97301** — **UST** — **U000433982**, **N/A**

Site 3 of 10 in cluster H

Relative: Higher
Actual: 156 ft.

UST:

Facility ID:	10388
Facility Telephone:	(503) 378-7097
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

H34 SSE 1/8-1/4 0.219 mi. 1154 ft. — **HAYDEN AUTOMOTIVE SAAB SERV REPR**, **390 FRONT ST NE**, **MARION (County), OR 97301** — **EDR US Hist Auto Stat** — **1014162008**, **N/A**

Site 4 of 10 in cluster H

Relative: Higher
Actual: 156 ft.

EDR Historical Auto Stations:

Name:	HAYDEN AUTOMOTIVE SAAB SERV REPR
Year:	1986
Type:	AUTOMOBILE REPAIRING

H35 SSE 1/8-1/4 0.219 mi. 1154 ft. — **HAYDEN SAAB SERVICE**, **390 FRONT ST NE**, **SALEM, OR 97301** — **LUST** — **S103839556**, **N/A**

Site 5 of 10 in cluster H

Relative: Higher
Actual: 156 ft.

LUST:

Region:	Western Region
Facility ID:	24-91-4344
Cleanup Received Date:	07/22/1991
Cleanup Start Date:	03/08/1992
Cleanup Complete Date:	**Not reported**

I36 ENE 1/8-1/4 0.221 mi. 1167 ft. — **MARION COUNTY PAVING MATERIAL PLANT (FORMER)**, **1300 FRONT ST. NE**, **SALEM, OR 97301** — **VCP**, **ECSI** — **S106044960**, **N/A**

Site 1 of 2 in cluster I

Relative: Higher
Actual: 153 ft.

VCS:

ECS Site ID:	3288
CRL:	NFA
Facility Size:	Not reported
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	07/13/2006
End Date:	07/13/2006
Project Manager Name:	Norman Read
Program:	ICP

ECSI:

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

State ID Number:	3288	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	44348	Further Action:	0
Lat/Long (dms):	44 57 11.90 / -123 2 8.20	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	73W22AB00900	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	05/09/2007
Alias Name:	Truitt Bros.		

Hazardous Release:

Substance ID.:	121982
Haz Release ID:	379117
Qty Released:	Not reported
Date Released:	Not reported
Update Date:	06/03/2002
Update By:	Not reported
Substance Code:	ECD169
Substance Name:	DIESEL - FUEL OIL
Substance Abbrev.:	Not reported
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Sampling Result ID:	339001
Feature Id:	Not reported
Hazard Release Id:	379117
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	5 - 12 feet
Start Date:	02/08/2002
End Date:	02/08/2002
Min Concentration:	305.00
Max Concentration:	13200.00
Sample Comment:	ND - 13,200 ppm
Last Update By:	mme
Update Date:	03/06/2002

Substance ID.:	121996
Haz Release ID:	379118
Qty Released:	Not reported
Date Released:	Not reported
Update Date:	06/03/2002
Update By:	Not reported

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Substance Code: ECD228
Substance Name: PETROLEUM HYDROCARBONS
Substance Abbrev.: Not reported
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 339002
Feature Id: Not reported
Hazard Release Id: 379118
Medium: 703
Substance Abbrev.: Not reported
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5 - 12 ft
Start Date: 02/08/2002
End Date: 02/08/2002
Min Concentration: 373.00
Max Concentration: 13500.00
Sample Comment: ND - 13,500 ppm
Last Update By: mme
Update Date: 03/06/2002

Substance ID.: 121011
Haz Release ID: 386740
Qty Released: Not reported
Date Released: Not reported
Update Date: 12/30/2005
Update By: TDANOVI
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 348513
Feature Id: 0
Hazard Release Id: 386740
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: 32 ft.
Start Date: 03/11/2005
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 49.00
Sample Comment: Not reported
Last Update By: TDANOVI
Update Date: 12/30/2005

Narrative:
NARR ID: 5743911
NARR Code: Site Contacts
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: The main contact for this site is Mr. David Truitt, Property Owner, at Truitt Brothers Inc., 1105 Front St. NE, Salem, OR.
The consultant contact was initially Kent Meisel of LPG Associates , Inc. 537 SE Ash St., #12, Portland, OR.
The current consultant contact is Andrew Harvey of PBS Engineering and Environmental, 4412 SW Corbett, Portland, OR 97201.

NARR ID: 5742214
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/09/2006
NARR Comments: Property owner Truitt Bros. completed an Expanded Phase 1

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Environmental Site Assessment at the site in December 2001. This investigation identified as environmental concerns three fuel oil tanks and an adjacent asphalt plant formerly located on the property. Geoprobe sampling was completed in February 2002 for the soils. In November 2004 and March 2005, additional geoprobe sampling was conducted to obtain groundwater samples.

NARR ID: 5746969
NARR Code: Disposals
Created By: TDANOVI
Created Date: 08/08/2005
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: In June 2005 approximately 657 cy of petroleum hydrocarbon contaminated soils were removed and transported to Riverbend Landfill in McMinnville, OR.

NARR ID: 5743912
NARR Code: Data Sources
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: TDANOVI
Updated Date: 08/09/2005
NARR Comments: The main reports submitted to the DEQ include Independent Cleanup Pathway Report of the Marion County Paving Material Plant Site, 1300 Block - Front Street NE, Salem, Oregon dated July 2, 2002; Environmental Site Assessment dated December 2004; and Site Remediation Report dated July 2005.

NARR ID: 5743095
NARR Code: General Site Description
Created By: TDANOVI
Created Date: 03/07/2003
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: Area is a paved driveway and yard currently used to store pallets and miscellaneous food processing equipment; the site is secured by fencing.
The section of the Willamette River near the site is designated as essential salmonid habitat by the Oregon Division of State Lands.

NARR ID: 5742215
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: Diesel and heavy oil contamination in soil. Total petroleum hydrocarbon levels at a maximum of 26,700 mg/kg. Polynuclear aromatic hydrocarbon (PAH) compounds were also present in the soils. In addition, in November 2004, geoprobe groundwater samples showed the presence of volatile organics, specifically perchloroethene (PCE), ranging from 14-30 ug/l, in shallow groundwater on-site. In March 2005, additional geoprobe groundwater samples were obtained and the data confirm the presence of PCE, which ranged up to 49 ug/l PCE.

NARR ID: 5746972

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

NARR Code: Project Issues Summary
Created By: TDANOVI
Created Date: 08/09/2005
Updated By: GWISTAR
Updated Date: 08/09/2006
NARR Comments: The current project issues are about diesel and heavy oil contamination of the soil and solvent (percholoethane) contamination in groundwater. DEQ reviewed the July 2005 report.

NARR ID: 5743913
NARR Code: Land Use (Current/Reasonably Likely)
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: GWISTAR
Updated Date: 07/23/2003
NARR Comments: The land use is currently commercial; however, the site is used for industrial purposes. There are condominiums to the north of the site; however, and since the Truitt Bros. property is adjacent to the Willamette River, it is possible that at some time in the future this site could become residential. Also the commercial land use designation typically allows the use (or conditional use) of the site for a day care center.

NARR ID: 5746973
NARR Code: Site Location
Created By: TDANOVI
Created Date: 08/09/2005
Updated By: TDANOVI
Updated Date: 08/10/2005
NARR Comments: The Truitt Brothers property is located at 1105 Front St. NE in Salem, OR. The former Marion County Paving Material Plant was located near the 1300 block of Front St. The site is about 150 feet from the Willamette River.

NARR ID: 5742216
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: TDANOVI
Updated Date: 12/30/2005
NARR Comments: Soil contamination appears to be from 3 former above-ground storage tanks, and an area nearby/along a former railroad spur. It is suspected that the release occurred when the land was owned by Marion County paving material (asphalt) plant. A report indicates that the plant was in operation between about 1920 to the mid 1940's. Facilities relating to the paving material plant have been absent from the site since the late 1940's. It is suspected that the release occurred some time betweeen 1920 and the late 1940's due to spillage of raw or processed materials during loading or unloading of the railroad and/or leaks from the tanks themselves. The source of the solvent release is unknown.

NARR ID: 5743915
NARR Code: Media Contamination
Created By: TDANOVI
Created Date: 07/22/2003
Updated By: GWISTAR

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Updated Date: 08/03/2006
NARR Comments: Soil contamination has been documented by laboratory reports. The maximum values are: 26,700 mg/kg total petroleum hydrocarbons, 0.17 mg/kg acenaphthene, 0.131 mg/kg benzo(a)anthracene, 0.269 mg/kg chrysene, 0.127 mg/kg fluoranthene, 1.05 mg/kg fluorene, and 0.42 mg/kg pyrene. The groundwater was assessed with samples obtained from geoprobes. No petroleum hydrocarbon contamination was detected; however, volatile organics, specifically perchloroethene (PCE), is present in shallow groundwater at the site, ranging from non-detect to 49 ug/l.

NARR ID: 5742217
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 02/27/2006
NARR Comments: While Oregon Department of Water Resources records show a community well approximately 3/4 mile from the site, the well is located opposite the Willamette River from the site, and therefore should not be affected. The discharge of groundwater from this site to the Willamette River is a pathway of potential concern, as well as groundwater to indoor air of the condos to the north.

NARR ID: 5742218
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/09/2006
NARR Comments: Site owners decided to excavate and remove soil contaminants. In June 2005 approximately 657 cy of soil were removed and transported to Riverbend Landfill in McMinnville, OR. A final report was prepared and received by DEQ in August 2005. It was reviewed, and DEQ met with Truitt in December 2005 to discuss concerns that need to be addressed prior to issuing a no further action letter.

NARR ID: 5746978
NARR Code: Water Use (Current/Reasonably Likely)
Created By: TDANOVI
Created Date: 08/10/2005
Updated By: TDANOVI
Updated Date: 12/30/2005
NARR Comments: The nearby Willamette River is protected for Public and Private Domestic Water Supply (with treatment), Industrial Water Supply, Irrigation and Livestock Watering, Anadromous Fish Passage and Salmonid Fish Rearing and Spawning, Resident Fish and Aquatic Life, Wildlife and Hunting, Fishing, and Boating, Water Contact Recreation and Aesthetic Quality, and Commercial Navigation and Transportation. Groundwater flow from the Yellow Cab site a few streets distance show the flow is towards the Willamette River and also northward. Nearby the site is residential and comercial and some well water is used for irrigation.

NARR ID: 5743914
NARR Code: Site History
Created By: TDANOVI

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Created Date: 07/22/2003
Updated By: TDANOVI
Updated Date: 08/09/2005
NARR Comments: Information on this site regarding property transactions dates to 1868. Historical information indicates that food processing plant facilities were first developed to the south of this site in 1917, and food processing is the current use of the site. A 1926 Sanborn map shows that the Marion County Paving Material Plant existed on this site in 1926; it included three above ground fuel oil storage tanks, five buildings and one rail line. The 1950 Sanborn map shows this site as vacant, except for the rail spur. Therefore, it is assumed that the Marion County Paving Material Plant was in operation between about the 1920's through the late 1940's. In the 1950's Consolidated Foods owned the site and in 1973 the property was bought by the Truitt Brothers.

Administrative Action:

Admin ID:	703246	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/06/2002	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	2202	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703249	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/06/2002	Complete Date:	Not reported
Substance Code:	ICP	Rank Value:	0
Employee Id:	1872	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Report submitted and reviewed; additional information requested		

Admin ID:	726935	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/28/2003	Complete Date:	07/28/2003
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	07/28/2003
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	0		
Comments:	Not reported		

Admin ID:	727162	Action ID:	9448
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/27/2003	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Created By:	MENGLIS	Created Date:	09/03/2003
Action Code:	NRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Review for final listing		
Further Action:	0		
Comments:	Not reported		

Admin ID:	733310	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/13/2006	Complete Date:	07/13/2006
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	612	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	01/22/2007
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	726529	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/13/2003	Complete Date:	06/13/2003
Substance Code:	vcp	Rank Value:	Not reported
Employee Id:	1921	Cleanup Flag:	False
Created By:	TDANOVI	Created Date:	06/13/2003
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	0		
Comments:	Not reported		

Admin ID:	726530	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/02/2002	Complete Date:	12/13/2002
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	1921	Cleanup Flag:	False
Created By:	TDANOVI	Created Date:	06/13/2003
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	726531	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/13/2002	Complete Date:	12/13/2002
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	1921	Cleanup Flag:	False
Created By:	TDANOVI	Created Date:	06/13/2003
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	728923	Action ID:	9451
Agency:	Dept Of Environmental Quality	Region:	Western Region

MARION COUNTY PAVING MATERIAL PLANT (FORMER) (Continued) **S106044960**

Start Date:	08/27/2003	Complete Date:	08/27/2003
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	08/23/2004
Action Code:	OOCL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Owner/operator comments received on listing notification		
Further Action:	0		
Comments:	Not reported		

H37 **MASTER SERVICT CENTER INC** **EDR US Hist Auto Stat** **1014177166**
SSE **210 CENTER ST NE** **N/A**
1/8-1/4 **SALEM, OR**
0.226 mi.
1191 ft. **Site 6 of 10 in cluster H**

Relative:
Higher

Actual:
156 ft.

EDR Historical Auto Stations:

Name:	MASTER SERVICT CENTER INC
Year:	1966
Type:	GASOLINE STATIONS

B38 **SHELL - 509** **LUST** **U003998837**
SW **545 WALLACE RD NW** **UST** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.226 mi.
1192 ft. **Site 5 of 6 in cluster B**

Relative:
Higher

Actual:
144 ft.

LUST:

Region:	Western Region
Facility ID:	27-84-4002
Cleanup Received Date:	09/04/1984
Cleanup Start Date:	09/04/1984
Cleanup Complete Date:	**05/24/2010**

Region:	Western Region
Facility ID:	27-96-4113
Cleanup Received Date:	07/12/1996
Cleanup Start Date:	07/11/1996
Cleanup Complete Date:	**05/24/2010**

UST:

Facility ID:	9219
Facility Telephone:	(760) 607-4511
Permittee Name:	Ronald Myhro
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	5
Number of Tanks:	5

B39
SW
1/8-1/4
0.229 mi.
1208 ft.

570 BASSETT ST NW
SALEM, OR 97304

Site 6 of 6 in cluster B

EDR US Hist Auto Stat **1015556736**
N/A

Relative:
Higher

Actual:
145 ft.

EDR Historical Auto Stations:

Name: TRADITIONAL AUTO BODY
Year: 2005
Address: 570 BASSETT ST NW

Name: TRADITIONAL AUTO BODY
Year: 2006
Address: 570 BASSETT ST NW

C40
WSW
1/8-1/4
0.229 mi.
1209 ft.

WEST GATE LAUNDROMAT
665 WALLACE RD NW
SALEM, OR 97304

Site 6 of 15 in cluster C

EDR US Hist Cleaners **1014143894**
N/A

Relative:
Higher

Actual:
144 ft.

EDR Historical Cleaners:

Name: WHIRL A MIATIC INDRY
Year: 1961
Type: LAUNDRIES-SELF SERVICE

Name: WEST GATE LAUNDROMAT
Year: 1980
Type: LAUNDRIES-SELF SERVE

Name: WEST GATE LAUNDROMAT LAUNDRY
Year: 1986
Type: LAUNDRIES-SELF SERVE

C41
WSW
1/8-1/4
0.230 mi.
1213 ft.

470 VEALL LN NW
SALEM, OR 97304

Site 7 of 15 in cluster C

EDR US Hist Auto Stat **1015510189**
N/A

Relative:
Higher

Actual:
143 ft.

EDR Historical Auto Stations:

Name: TRADITION AUTO BOD
Year: 2007
Address: 470 VEALL LN NW

Name: TRADITIONAL AUTO BODY & PAINTING
Year: 2011
Address: 470 VEALL LN NW

Name: TRADITIONAL AUTO BODY & PAINTING
Year: 2012
Address: 470 VEALL LN NW

C42 WSW 1/8-1/4 0.232 mi. 1223 ft. | **CRISWELL MOTOR CO AUTO REPR** | **EDR US Hist Auto Stat** | **1014170946**
690 WALLACE RD NW | **N/A**
SALEM, OR 97304

Site 8 of 15 in cluster C

Relative: Higher

Actual: 144 ft.

EDR Historical Auto Stations:

Name:	WULFS CARTER SERV GAS STA
Year:	1961
Type:	GASOLINE STATIONS
Name:	WEST SALEM ENCO SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	CRISWELL MOTOR CO AUTO REPR
Year:	1989
Type:	AUTOMOBILE REPAIRING

C43 WSW 1/8-1/4 0.234 mi. 1235 ft. | **WESTGATE CLEANERS** | **RCRA-CESQG FINDS DRYCLEANERS HAZNET** | **1004770069**
697 NW WALLACE RD | **ORD085250413**
SALEM, OR 97304

Site 9 of 15 in cluster C

Relative: Higher

Actual: 144 ft.

RCRA-CESQG:

Date form received by agency:	02/24/1997
Facility name:	WESTGATE CLEANERS
Facility address:	697 NW WALLACE RD SALEM, OR 97304
EPA ID:	ORD085250413
Mailing address:	697 WALLACE RD NW SALEM, OR 97304
Contact:	JOON PARK
Contact address:	697 WALLACE RD NW SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 364-8900
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WESTGATE CLEANERS
Owner/operator address:	697 WALLACE RD NW

WESTGATE CLEANERS (Continued) **1004770069**

	SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 364-8900
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	02/24/1997
Owner/Op end date:	Not reported
Owner/operator name:	WESTGATE CLEANERS
Owner/operator address:	697 WALLACE RD NW
	SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 364-8900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	02/15/1994
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	01/08/1996
Facility name:	WESTGATE CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	02/17/1995
Facility name:	WESTGATE CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	02/23/1994
Facility name:	WESTGATE CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	09/28/1993
Facility name:	WESTGATE CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code:	NA
Waste name:	NA

WESTGATE CLEANERS (Continued) **1004770069**

Violation Status: No violations found

FINDS:

Registry ID: 110004786802

Environmental Interest/Information System

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.

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

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

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

DRYCLEANERS:

EPA Id:	ORD085250413
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/15/2003
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	WESTGATE CLEANERS
Owner Address:	697 NW WALLACE RD
Owner Address 2:	Not reported
Owner Telephone:	5033648900
Contact Name:	PARK, JOON
Contact Address:	697 NW WALLACE RD
Contact Address 2:	Not reported
Contact Telephone:	5033648900

HAZNET:

Year:	2003
Gepaid:	ORD085250413
Contact:	PARK, JOON
Telephone:	5033648900
Mailing Name:	Not reported
Mailing Address:	697 NW WALLACE RD
Mailing City,St,Zip:	SALEM, OR 97304
Gen County:	Not reported
TSD EPA ID:	CAD009452657

WESTGATE CLEANERS (Continued) **1004770069**

TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	0.7
Facility County:	99

Year:	2002
Gepaid:	ORD085250413
Contact:	PARK, JOON
Telephone:	5033648900
Mailing Name:	Not reported
Mailing Address:	697 NW WALLACE RD
Mailing City,St,Zip:	SALEM, OR 97304
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	0.77
Facility County:	99

Year:	2002
Gepaid:	ORD085250413
Contact:	PARK, JOON
Telephone:	5033648900
Mailing Name:	Not reported
Mailing Address:	697 NW WALLACE RD
Mailing City,St,Zip:	SALEM, OR 97304
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Treatment, Incineration
Tons:	0.5
Facility County:	99

C44 WSW 1/8-1/4 0.236 mi. 1246 ft. | **WESTGATE SHOPPING CENTER** | **RCRA NonGen / NLR** | **1006811049**
695 WALLACE RD NW | **ORQ000021394**
SALEM, OR 97304

Site 10 of 15 in cluster C

Relative: Higher

Actual: 145 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/03/2003
Facility name:	WESTGATE SHOPPING CENTER
Facility address:	695 WALLACE RD NW SALEM, OR 97304
EPA ID:	ORQ000021394
Mailing address:	PO BOX 7298 SALEM, OR 97303
Contact:	DAVID L. SAMPLES
Contact address:	PO BOX 1604 BEAVERTON, OR 97075
Contact country:	US
Contact telephone:	(503) 985-1717
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator

WESTGATE SHOPPING CENTER (Continued) **1006811049**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WESTGATE SHOPPING CENTER
Owner/operator address: PO BOX 7298
SALEM, OR 97303
Owner/operator country: US
Owner/operator telephone: (503) 930-9612
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/03/2003
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 10/02/2002
Facility name: WESTGATE SHOPPING CENTER
Classification: Not a generator, verified

Violation Status: No violations found

C45 WSW 1/8-1/4 0.236 mi. 1246 ft. | **FLETCHALLS RICHFIELD GAS STA** | **EDR US Hist Auto Stat** | **1014171531**
710 WALLACE RD NW | **N/A**
SALEM, OR

Site 11 of 15 in cluster C

Relative: Higher

Actual: 144 ft.

EDR Historical Auto Stations:
Name: FLETELHALLS RICHLFIELD EM
Year: 1961
Type: GASOLINE STATIONS

Name: FLETCHALLS RICHFIELD GAS STA
Year: 1966
Type: GASOLINE STATIONS

C46 WSW 1/8-1/4 0.236 mi. 1246 ft. | **BOB'S BURGERS (FORMER)** | **LUST** | **S106476151**
710 WALLACE RD NW | **N/A**
SALEM, OR 97304

Site 12 of 15 in cluster C

Relative: Higher

Actual: 144 ft.

LUST:

Region:	Western Region
Facility ID:	27-04-0365
Cleanup Received Date:	03/15/2004
Cleanup Start Date:	11/11/2002
Cleanup Complete Date:	**06/21/2011**

J47 SW 1/8-1/4 0.236 mi. 1247 ft. | **SHELL OIL PRODUCTS US SAP 124785** | **MANIFEST** | **S108524883**
585 WALLACE RD NW | **N/A**
SALEM, OR 97304

Site 1 of 3 in cluster J

Relative: Higher

Actual: 144 ft.

OR MANIFEST:

Manifest Year:	Manifest Year - 2008
EPA Id:	ORQ000025927
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Ray
Contact Last Name:	Walding
Contact Telephone Number:	Not reported
Mailing Address:	12700 Northborough RM NOB-300F08
Mailing City:	Houston
Mailing State:	TX
Mailing Zip:	77067

RCRA Id :	ORQ000025927
Inactive :	Not reported
Year :	2008
Status:	Small quantity generator
Manifest :	004207306JJK
Ship Date :	10/10/2008
TSD :	WAD991281767
WS Num:	1
Transporter :	WAR000001743
Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H040
EPA Waste Codes:	D001
Waste Description:	ABSORBENT MAT. W/GASOLINE

Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05000000000001
Tot Amt Of Waste Stream Generated in Reporting Yr: 136.05000000000001

RCRA Id :	ORQ000025927
Inactive :	Not reported
Year :	2008
Status:	Small quantity generator
Manifest :	004207306JJK
Ship Date :	10/10/2008
TSD :	WAD991281767
WS Num:	1
Transporter :	WAR000001743

SHELL OIL PRODUCTS US SAP 124785 (Continued) **S108524883**

Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H040
EPA Waste Codes:	D001
Waste Description:	ABSORBENT MAT. W/GASOLINE
Tot Amt Of Waste Stream Generated in Reporting Yr:	136.05000000000001
Tot Amt Of Waste Stream Generated in Reporting Yr:	136.05000000000001

RCRA Id :	ORQ000025927
Inactive :	Not reported
Year :	2008
Status:	Small quantity generator
Manifest :	004207306JJK
Ship Date :	10/10/2008
TSD :	WAD991281767
WS Num:	1
Transporter :	WAR000001743
Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H040
EPA Waste Codes:	D001
Waste Description:	ABSORBENT MAT. W/GASOLINE
Tot Amt Of Waste Stream Generated in Reporting Yr:	136.05000000000001
Tot Amt Of Waste Stream Generated in Reporting Yr:	136.05000000000001

J48 **WALLACE SHELL** **LUST** **U004015462**
SW **585 WALLACE RD NW** **UST** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.236 mi.
1247 ft. **Site 2 of 3 in cluster J**

Relative:
Higher

Actual:
144 ft.

LUST:

Region:	Western Region
Facility ID:	27-99-4073
Cleanup Received Date:	06/14/1999
Cleanup Start Date:	06/15/1999
Cleanup Complete Date:	**02/17/2011**

UST:

Facility ID:	6440
Facility Telephone:	(760) 607-4511 x16
Permittee Name:	Ron Myhro
Number of Permitted Tanks:	4
Active Tanks:	4
Decommissioned Tanks:	4
Number of Tanks:	8

J49 SW 1/8-1/4 0.236 mi. 1247 ft. | **SHELL OIL PRODUCTS US SAP 124785**
585 WALLACE RD NW
SALEM, OR 97304 | **RCRA NonGen / NLR** | **1010330028**
ORQ000025927

Site 3 of 3 in cluster J

Relative: Higher

Actual: 144 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2011
Facility name:	SHELL OIL PRODUCTS US SAP 124785
Facility address:	585 WALLACE RD NW SALEM, OR 97304-3833
EPA ID:	ORQ000025927
Mailing address:	P O BOX 3127, RM 669B HOUSTON, TX 77253
Contact:	RAY E WALDING
Contact address:	12700 NORTHBOROUGH RM NOB-300F HOUSTON, TX 77067
Contact country:	US
Contact telephone:	281-874-2247
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	EQUILON ENTER LLC DBA SHELL OIL PRODS US
Owner/operator address:	PO BOX 2099 HOUSTON, TX 77252
Owner/operator country:	US
Owner/operator telephone:	281 874-2247
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2011
Owner/Op end date:	Not reported

Owner/operator name:	SHELL OIL PRODUCTS US
Owner/operator address:	PO BXO 2099 HOUSTON, TX 77252
Owner/operator country:	US
Owner/operator telephone:	281 874-2224
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2011
Owner/Op end date:	Not reported

Handler Activities Summary:

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

SHELL OIL PRODUCTS US SAP 124785 (Continued) **1010330028**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/31/2010
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2009
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2008
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Small Quantity Generator

Date form received by agency: 12/31/2007
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/21/2007
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2006
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/24/2006
Facility name: SHELL OIL PRODUCTS US SAP 124785
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

K50 **CAPITOL CITY GLASS CO INC** **UST** **U000433956**
ENE **1450 FRONT ST NE** **N/A**
1/8-1/4 **SALEM, OR 97303**
0.236 mi.
1247 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

Actual:
155 ft.

UST:
Facility ID: 4486
Facility Telephone: (503)581-2559
Permittee Name: DENNIS A OR RONALD E BROWN, OFFICERS
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

K51 ENE 1/8-1/4 0.236 mi. 1247 ft. | **CAPITAL CITY GLASS**
1450 FRONT STREET, NE
SALEM, OR 97303

Site 2 of 2 in cluster K

LUST | **S103543426**
N/A

Relative: Higher

Actual: 155 ft.

LUST:

Region:	Western Region
Facility ID:	24-89-4165
Cleanup Received Date:	12/12/1989
Cleanup Start Date:	12/12/1989
Cleanup Complete Date:	**01/19/1995**

G52 ENE 1/8-1/4 0.240 mi. 1266 ft. | **STACKHOUSE ATHLETIC EQUIPMENT**
1501 FRONT ST NE
SALEM, OR 97303

Site 2 of 3 in cluster G

RCRA-CESQG FINDS | **1004769949**
ORD044901148

Relative: Higher

Actual: 155 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2003
Facility name:	STACKHOUSE ATHLETIC EQUIPMENT
Facility address:	1501 FRONT ST NE SALEM, OR 97303
EPA ID:	ORD044901148
Mailing address:	PO BOX 12276 SALEM, OR 97309
Contact:	GENE HENSHAW
Contact address:	PO BOX 12276 SALEM, OR 97309
Contact country:	US
Contact telephone:	(503) 363-1840
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	STACKHOUSE ATHLETIC EQUIPMENT INC
Owner/operator address:	PO BOX 12276 SALEM, OR 97309
Owner/operator country:	US
Owner/operator telephone:	(503) 363-1840
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/11/1987

STACKHOUSE ATHLETIC EQUIPMENT (Continued) **1004769949**

Owner/Op end date: Not reported

Owner/operator name: LOREN BOEKMAN
Owner/operator address: 21210 MAIN ST
AURORA, OR 97002
Owner/operator country: US
Owner/operator telephone: 503 805-6116
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/11/1987
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/03/2003
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/30/2002
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/09/2001
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/2000
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/22/1999
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/05/1998
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/03/1997
Facility name: STACKHOUSE ATHLETIC EQUIPMENT

STACKHOUSE ATHLETIC EQUIPMENT (Continued) **1004769949**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/03/1996
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/06/1995
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/18/1994
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/07/1993
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: STACKHOUSE ATHLETIC EQUIPMENT
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

FINDS:

Registry ID: 110004782744

Environmental Interest/Information System
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.

G53 ENE 1/8-1/4 0.240 mi. 1268 ft. | **GOODYEAR LEASED FACILITY** | **UST** | **U000433871** | **N/A**
1505 FRONT ST NE
SALEM, OR 97303

Site 3 of 3 in cluster G

Relative: Higher

Actual: 155 ft.

UST:

Facility ID:	8757
Facility Telephone:	(503)
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	Not reported
Number of Tanks:	1

C54 WSW 1/8-1/4 0.244 mi. 1287 ft. | **ODEQ DRY CLEANER WESTGATE CLEANERS** | **RCRA-CESQG MANIFEST** | **1008374895** | **ORQ000023731**
697 WALLACE RD NW
SALEM, OR 97304

Site 13 of 15 in cluster C

Relative: Higher

Actual: 144 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2011
Facility name:	ODEQ DRY CLEANER WESTGATE CLEANERS
Facility address:	697 WALLACE RD NW SALEM, OR 97304
EPA ID:	ORQ000023731
Mailing address:	165 E. 7TH AVENUE, SUITE 100 EUGENE, OR 97401
Contact:	DONALD HANSON
Contact address:	165 E. 7TH AVENUE, SUITE 100 EUGENE, OR 97401
Contact country:	US
Contact telephone:	(541) 687-7349
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	BOB TAGGART
Owner/operator address:	3450 CHERRY AVE KEIZER, OR 97303
Owner/operator country:	US
Owner/operator telephone:	503 399-0033
Legal status:	Private

ODEQ DRY CLEANER WESTGATE CLEANERS (Continued) **1008374895**

Owner/Operator Type: Owner
Owner/Op start date: 01/01/1968
Owner/Op end date: Not reported

Owner/operator name: ODEQ
Owner/operator address: 165 E. 7TH AVENUE, SUITE 100
EUGENE, OR 97401
Owner/operator country: US
Owner/operator telephone: (541) 687-7349
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/31/2010
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2009
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2008
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2007
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2006
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2005
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

ODEQ DRY CLEANER WESTGATE CLEANERS (Continued) **1008374895**

Date form received by agency: 12/31/2004
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/08/2004
Facility name: ODEQ DRY CLEANER WESTGATE CLEANERS
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

OR MANIFEST:
Manifest Year: Manifest Year - 2006
EPA Id: ORQ000023731
Inactive Status: Not reported
Organization Name: Not reported
Contact First Name: Donald
Contact Last Name: Hanson
Contact Telephone Number: (541) 687-7349
Mailing Address: 1102 Lincoln, Suite 210
Mailing City: Eugene
Mailing State: OR
Mailing Zip: 97401

C55 **WEST GATE CLEANERS DCLO CINS** **EDR US Hist Cleaners** **1014157286**
WSW **697 WALLACE RD NW** **N/A**
1/8-1/4 **SALEM, OR 97304**
0.244 mi.
1287 ft. **Site 14 of 15 in cluster C**

Relative:
Higher

Actual:
144 ft.

EDR Historical Cleaners:
Name: WEST GATE ONE HOUR
Year: 1966
Type: CLEANERS AND DYERS

Name: WEST GATE CLEANERS CLO CLNS
Year: 1980
Type: CLEANERS AND DYERS

Name: WEST GATE CLEANERS DCLO CINS
Year: 1986
Type: CLEANERS AND DYERS

Name: WEST GATE CLEANERS DO CLNS
Year: 1989
Type: CLEANERS AND DYERS

Name: WESTGATE CLEANERS CLEANERS
Year: 2002
Type: CLEANERS

WEST GATE CLEANERS DCLO CINS (Continued) **1014157286**

Name: WESTGATE CLEANERS
Year: 2001
Address: 697 WALLACE RD NW

Name: WESTGATE CLEANERS
Year: 2003
Address: 697 WALLACE RD NW

Name: WESTGATE CLEANERS
Year: 2004
Address: 697 WALLACE RD NW

C56 WSW 1/8-1/4 0.244 mi. 1287 ft. | **WESTGATE CLEANERS 697 WALLACE RD. NW SALEM, OR 97304** | **ENG CONTROLS DRYCLEANERS ECSI** | **1004365358 N/A**

Site 15 of 15 in cluster C

Relative: Higher

Actual: 144 ft.

OR ENG CONTROL:
Site Control Sequence #: 530
Site Id: 3001
Control Sequence #: 34
Begin Date: 03/05/2007
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: Hanson
Last Review Date: 01/09/2009
Last Updated By: DHANSON
Last Updated Date: 01/09/2009
Group Sequence #: 8
Control Code: LS
Control Description: Liner, synthetic
FK Type Code: 2
Group Code: SSB
Group Description: Subsurface Barriers
Type Code: E
Type Description: Engineering
Comments: Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

DRYCLEANERS:
Dry Cleaner ID: 422
Phone ID: 503 364-8900
Current Status: Closed
Last Update: 11/6/2006
DEQID: ORD085250413
Latitude: 44.9480012
Longitude: -123.05149

ECSI:
State ID Number: 3001
Study Area: False
Legislatve ID: 833
FACA ID: 41204
Brown ID: 0
Region ID: 3
Investigation: Suspect
Further Action: 258

WESTGATE CLEANERS (Continued) **1004365358**

Lat/Long (dms):	44 56 52.80 / -123 3 5.40	County Code:	27.00
Score Value:	98	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	DHANSON	Update Date:	01/09/2009

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	379688
Qty Released:	unknown
Date Released:	unknown
Update Date:	01/03/2001
Update By:	Not reported
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917
Sub Alias Name:	TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID:	316918
Sub Alias Name:	TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID:	338339
Feature Id:	Not reported
Hazard Release Id:	379688
Medium:	698
Substance Abbrev.:	Not reported

WESTGATE CLEANERS (Continued) **1004365358**

Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 8,900 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121781
Haz Release ID: 379689
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 338340
Feature Id: Not reported
Hazard Release Id: 379689
Medium: 698
Substance Abbrev.: Not reported

WESTGATE CLEANERS (Continued) **1004365358**

Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 149 ppb
Last Update By: kpd
Update Date: 03/01/2001

Substance ID.: 121124
Haz Release ID: 379690
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 156-59-2
Substance Name: DICHLOROETHYLENE,1,2-CIS-
Substance Abbrev.: Not reported
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317200
Sub Alias Name: ACETYLENE DICHLORIDE,CIS-
Substance Alias ID: 317201
Sub Alias Name: DICHLOROETHENE,CIS-
Substance Alias ID: 317202
Sub Alias Name: DICHLOROETHYLENE,CIS-
Substance Alias ID: 317203
Sub Alias Name: DICHLOROETHENE,1,2-CIS-
Sampling Result ID: 337613
Feature Id: Not reported
Hazard Release Id: 379690
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/07/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 124 ppb
Last Update By: kpd
Update Date: 03/01/2001

WESTGATE CLEANERS (Continued) **1004365358**

Substance ID.: 121712
Haz Release ID: 379691
Qty Released: unknown
Date Released: unknown
Update Date: 01/03/2001
Update By: Not reported
Substance Code: 75-71-8
Substance Name: DICHLORODIFLUOROMETHANE
Substance Abbrev.: Not reported
Substance Alias ID: 319390
Sub Alias Name: ARCTON 6
Substance Alias ID: 319391
Sub Alias Name: DIFLUORODICHLOROMETHANE
Substance Alias ID: 319392
Sub Alias Name: FREON 12
Substance Alias ID: 319393
Sub Alias Name: FRIGEN 12
Substance Alias ID: 319394
Sub Alias Name: GENETRON 12
Substance Alias ID: 319395
Sub Alias Name: HALON
Substance Alias ID: 319396
Sub Alias Name: ISOTRON 12
Substance Alias ID: 319397
Sub Alias Name: METHANE,DICHLORODIFLUORO-
Sampling Result ID: 338341
Feature Id: Not reported
Hazard Release Id: 379691
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/06/2000
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 77.6 ppb
Last Update By: kpd
Update Date: 03/01/2001

Narrative:
NARR ID: 5741160
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments:(4/30/2003 NS/SRS) The Westgate Shopping Center was constructed in the early 1950s in west Salem. Dry cleaning has occurred at the site since at least 1963. In June 2000, the City of Salem detected perchloroethene (PCE) in storm sewer and sanitary sewer lines downgradient of Westgate Cleaners. PCE is a solvent commonly used by dry cleaners. The shopping center retained Evergreen Environmental Management (EEM) to investigate the source of the PCE. EEM sampled soil and groundwater from nine boreholes that they installed along

WESTGATE CLEANERS (Continued) **1004365358**

the drain lines throughout the shopping center in November 2000. Groundwater contamination was found in eight of the nine sample locations. The direction of groundwater flow and full extent of the contamination have not been determined. Westgate Cleaners applied to DEQ's Dry Cleaner Environmental Response program in February 2001 and was accepted a month later.

NARR ID: 5741161
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: January 2001 Evergreen Environmental Management Soil and Groundwater Characterization report.

NARR ID: 5741162
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Perchloroethene (PCE) and degradation products.

NARR ID: 5741163
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Located in the Westgate Shopping Center in west Salem.

NARR ID: 5741164
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Dry-cleaning solvent appears to have leaked from storm sewer drain lines in at least two separate locations in the Westgate Shopping Center. Other past and present sources of PCE have not been ruled out, however.

NARR ID: 5741165
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Westgate Cleaners was operated by Won Kyu Park & Woo Ja Park from June 1983 to February 1994, and Joon Park & Young Park from February 1994 to the present.

NARR ID: 5741166
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002

WESTGATE CLEANERS (Continued) **1004365358**

Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: The site is located across the Willamette River from Salem proper. The river is about 2,000 feet south of the site. Soil at the site is brown clayey silt to about 15 ft bgs, where it grades into a sand and gravel aquifer at about 18 ft bgs. The shallow groundwater flow direction has not been determined. Deeper groundwater is used by a handful of residents in the area. A community well serving the City of Salem was located near the site but was decommissioned in the late 1990s.

NARR ID: 5741167
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: NSAWKA
Updated Date: 06/22/2006
NARR Comments: (4/30/2003 NS/DC) DEQ retained Hart Crowser in June 2001 to conduct a focused Site Investigation at Westgate Cleaners. Soil and groundwater samples were collected from beneath Westgate Cleaners and from around the shopping center complex. The Site Investigation report was completed in April 2002. DEQ is currently monitoring groundwater at the site and evaluating various removal actions that may be taken. (2-09-05/NS/DC) DEQ conducted indoor air monitoring of the adjacent buildings including the former Coastal Hardware Store, Ideal Tile, Mexican Restaraunt and the West Salem Kids Care Daycare in August and November 2003. The results indicated elevated levels of PCE and TCE in the air of these buildings. IRAM actions were implemented in October and December 2003 in the daycare building to mitigate the migration of these contaminants. Two air purifiers with carbon filters were placed inside the building to help remove the PCE and TCE contaminants. Upgrades were made to the HVAC system to increase air circulation. Subsequent air sampling indicated that the IRAM's were working effectively to reduce the concentrations of contaminants in the air. The hardware store was vacated at the time of the sampling. The Mexican restaraunt later vacated due to the owner's plans to redevelop the shopping center and Ideal Tile is expected to vacate in the near future. The owner plans to demolish the existing shopping center and re-build a new one. DEQ is currently coordinating with the owner and developer to conduct a limited cleanup at the site during the demolition. This is expected to commence sometime between April and the summer of 2005. (7/27/05/NS/DC)The owner is in the process of demolishing and rebuil ding the shoppping center. Because of the construction activities, the owner was required to abandon osnite monitoring wells HC-1, 2, 3, 5 and 101. New wells will be constructed by DEQ upon completion of the new shopping center. The former Westgate Dry cleaner building and coastal farms store have been demolished. DEQ's contractor (Hart Crowser) conducted a focussed source area investigation (SAI) by the dry cleaner on July 6&7, 2005. The purpose of the SAI is to delineate and define the extent of the source area from the dry cleaner to evaluate appropriate IRAM actions for removing, treating and disposing of source area soils from around and beneath the dry cleaners. Hart Crowser is in the process of developing an IRAM work plan based on the SAI results. The work plan will be submitted to DEQ by the end of July and IRAM activities implemented in August.

WESTGATE CLEANERS (Continued) **1004365358**

(6/22/06/NS/DC) An IRAM was implemented in October 2005 where abo ut 200 tons of contaminated soils were removed from the source area. About 50 tons of the soil was determined to be non-hazardous waste and disposed of at a subtitle D landfill. The reamaining soils are undergoing onsite treatment to reduce the levels of hazardous constituents. Treatment is expected to be completed by the end of this month (end of June 2006). Depending on the final levels, the soil will either be disposed of at a Subtitle D landfill or re-used on site for fill base.

NARR ID: 5741168
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 05/06/2003
NARR Comments: Shallow groundwater at the Westgate Shopping Center is contaminated with PCE and associated breakdown products. Contamination has been detected across the shopping center complex but appears to be concentrated along sanitary and storm sewer drain lines beneath the parking lots. The full extent of contamination has not been determined; whether it extends under the shopping center buildings, and thus poses a potential vapor threat to those buildings, is not known.

NARR ID: 5751117
NARR Code: 1922
Created By: DHANSON
Created Date: 01/09/2009
Updated By: DHANSON
Updated Date: 12/10/2012
NARR Comments: (12/11/12 DEH) Westgate Cleaners operated in the Westgate shopping center until 2005 when it closed and relocated. In 2005 the DEQ Dry Cleaner Program conducted a Removal Action consisting of soil excavation and treatment at the location of the former cleaners. Following this cleanup action the shopping center was redeveloped in a new configuration. At one building at the new shopping center, DEQ installed a subsurface venting and vapor barrier system, in a cooperative effot with the site owner and developer, to prevent residual dry cleaning solvent vapors from impacting the airspace inside the new building. Subsequent testing of the building air showed that vapor intrision is currently not a problem in this area. Additional monitoring needs to be conducted by DEQ before the site can attain closure under the Cleanup Program rules.

Site Control:
Site Control #: 530
Control Number: 34
Begin Date: 03/05/2007
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: Hanson
Last Reviewed Date: 01/09/2009
Last Update By: DHANSON
Last Updated Date: 01/09/2009
Site Comment: Vapor barrier and subsurface venting system installed beneath Shops B in Westgate Shopping Center. Air sampling conducted in December 2007 did not detect PCE or TCE in the air beneath the building (purged from

WESTGATE CLEANERS (Continued) **1004365358**

the sub slab ventilation piping). Venting system was therefore capped and not installed to roof.

Administrative Action:

Admin ID:	701309	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/04/2001	Complete Date:	04/30/2002
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2340	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	703664	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/01/2001	Complete Date:	Not reported
Substance Code:	CPD	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	703665	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/26/2001	Complete Date:	02/28/2001
Substance Code:	SRS	Rank Value:	0
Employee Id:	583	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	736050	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/24/2005	Complete Date:	11/13/2006
Substance Code:	srs	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Soil removal at the location of the former dry cleaners		

Admin ID:	736051	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/23/2007	Complete Date:	03/05/2007
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009

WESTGATE CLEANERS (Continued) **1004365358**

Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Medium		
Comments:	Installed sub slab vapor recovery system with engineered vapor barrier beneath Shops B at the new shopping center (approx. former location of West Salem KidCare)		

Admin ID:	736052	Action ID:	9450
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/06/2007	Complete Date:	Not reported
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	DHANSON	Created Date:	01/09/2009
Action Code:	OM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	OPERATION and MAINTENANCE		
Further Action:	Medium		
Comments:	Maintain and monitor effectiveness of Shops B vapor mitigation system as needed		

Admin ID:	726108	Action ID:	9492
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/25/2002	Complete Date:	10/25/2005
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	KDANA	Created Date:	05/06/2003
Action Code:	RMA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL ASSESSMENT		
Further Action:	High-Medium		
Comments:	Evaluating removal alternatives to address high levels of PCE at former cleaners prior to site redevelopment		

Operations:

Operation Id:	134194
Operation Status:	Active
Common Name:	Westgate Cleaners
Yrs of Operation:	1963 to present
Comments:	dry cleaner
Updated Date:	05/06/2003
Operations SIC Id:	197492
SIC Code:	7216
Created By:	Not reported
Created Date:	12/17/2002

H57 **BCWMANS BILL GARAGF** **EDR US Hist Auto Stat** **1014160411**
SE **241 CENTER ST NE** **N/A**
1/8-1/4 **SALEM, OR**
0.246 mi.
1300 ft. **Site 7 of 10 in cluster H**

Relative:
Higher

Actual:
157 ft.

EDR Historical Auto Stations:

Name:	BCWMANS BILL GARAGF
Year:	1966
Type:	AUTOMOBILE REPAIRING
Name:	BOWMANS BILL GARAGE

BCWMANS BILL GARAGF (Continued) **1014160411**

Year: 1976
Type: AUTOMOBILE REPAIRING

Name: BOWMANS BILL GARAGE
Year: 1980
Type: AUTOMOBILE REPAIRING

H58
SE
1/8-1/4
0.249 mi.
1315 ft.

GEORGES AUTO SERVICE **EDR US Hist Auto Stat** **1014180696**
245 CENTER ST NE **N/A**
SALEM, OR

Site 8 of 10 in cluster H

Relative:
Higher

Actual:
157 ft.

EDR Historical Auto Stations:
Name: GEORGES AUTO SERVICE
Year: 1966
Type: AUTOMOBILE REPAIRING

I59
ENE
1/4-1/2
0.256 mi.
1351 ft.

SALEM-KEIZER YELLOW CAB CO **LUST** **U004015446**
253 GAINES ST **UST** **N/A**
SALEM, OR 97303

Site 2 of 2 in cluster I

Relative:
Higher

Actual:
153 ft.

LUST:
Region: Western Region
Facility ID: 24-88-4086
Cleanup Received Date: 06/25/1990
Cleanup Start Date: 07/24/1990
Cleanup Complete Date: 06/29/1999

Region: Western Region
Facility ID: 24-90-4162
Cleanup Received Date: 07/25/1990
Cleanup Start Date: 05/15/1991
Cleanup Complete Date: 05/15/1991

UST:
Facility ID: 202
Facility Telephone: (503) 363-8050
Permittee Name: DANIEL HARBAUGH
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 4
Number of Tanks: 4

60 NNE 1/4-1/2 0.270 mi. 1423 ft. | **SCHAUBLIN, NORMAN**
2410 FRONT ST NE
SALEM, OR 97303 | **LUST UST** | **U000434037 N/A**

Relative: Higher

Actual: 145 ft.

LUST:

Region:	Western Region
Facility ID:	24-91-4119
Cleanup Received Date:	04/25/1991
Cleanup Start Date:	08/21/1991
Cleanup Complete Date:	**08/21/1991**

UST:

Facility ID:	8977
Facility Telephone:	(503) 581-8043
Permittee Name:	NORMAN SCHAUBLIN, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

L61 NE 1/4-1/2 0.270 mi. 1425 ft. | **WILLAMETTE VALLEY TRANSFER CO**
2085 FRONT ST NE
SALEM, OR 97303 | **LUST UST** | **U000434060 N/A**

Site 1 of 2 in cluster L

Relative: Higher

Actual: 146 ft.

LUST:

Region:	Western Region
Facility ID:	24-91-4036
Cleanup Received Date:	02/05/1991
Cleanup Start Date:	02/05/1991
Cleanup Complete Date:	**04/30/1996**

UST:

Facility ID:	10270
Facility Telephone:	(503) 371-3480
Permittee Name:	TERRY RADDATZ, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

F62 East 1/4-1/2 0.270 mi. 1426 ft. | **COMMERCIAL BUSINESS SUPPL**
1115 COMMERCIAL, NE
SALEM, OR 97301 | **LUST** | **S100498188 N/A**

Site 3 of 3 in cluster F

Relative: Higher

Actual: 147 ft.

LUST:

Region:	Western Region
Facility ID:	24-89-4056
Cleanup Received Date:	06/14/1989
Cleanup Start Date:	06/14/1989
Cleanup Complete Date:	**06/20/1989**

H63 SE 1/4-1/2 0.273 mi. 1443 ft. | **FIRST BAPTIST CHURCH OF SALEM**
510 COMMERCIAL STREET NE
SALEM, OR 97301 | **ECSI** | **S106497257**
N/A

Site 9 of 10 in cluster H

Relative: Higher

Actual: 158 ft.

ECSI:

State ID Number:	4168	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	83639	Further Action:	0
Lat/Long (dms):	44 56 42.40 / -123 2 15.70	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	MENGLIS	Update Date:	06/30/2004

Narrative:

NARR ID:	5745071
NARR Code:	Remedial Action
Created By:	MENGLIS
Created Date:	06/01/2004
Updated By:	MENGLIS
Updated Date:	06/01/2004
NARR Comments:	While working on renovation of the parking lot, suspect material was encountered. Three soil samples were collected (1 from the excavated area and 2 from stockpiled material). All samples were analyzed for hydrocarbons, waste oil, and VOCs. Based on laboratory results, it appears that the petroleum contamination was most likely from a small surface spill or applied to gravel for dust control prior to concrete paving of the site. A total of 300.09 tons of petroleum contaminated soil was transported and disposed of at Coffin Butte Landfill. No file record was found in DEQ?s LUST or ESRI systems for this address. The site assessment section recommends no further action at this site.

Administrative Action:

Admin ID:	728558	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/01/2004	Complete Date:	06/01/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	728559	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

FIRST BAPTIST CHURCH OF SALEM (Continued) **S106497257**

Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Admin ID:	728560	Action ID:	9419
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	DNTL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Decision Not to List Site (on the CRL or Inventory)
Further Action: 0
Comments: Not reported

Admin ID:	728561	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/26/2004	Complete Date:	05/26/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/01/2004
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

L64 **FRONT STREET CARDLOCK** **LUST** **U000434015**
NE **205 COLUMBIA ST NE** **UST** **N/A**
1/4-1/2 **SALEM, OR 97303**
0.274 mi.
1445 ft. **Site 2 of 2 in cluster L**

Relative:
Higher

Actual:
147 ft.

LUST:

Region:	Western Region
Facility ID:	24-04-0221
Cleanup Received Date:	02/17/2004
Cleanup Start Date:	02/17/2004
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	3613
Facility Telephone:	(253) 867-3281
Permittee Name:	Selim Abounader
Number of Permitted Tanks:	4
Active Tanks:	4
Decommissioned Tanks:	18
Number of Tanks:	22

M65 West 1/4-1/2 0.275 mi. 1452 ft. | **RITCHIE CHEVRON**
1115 WALLACE RD NW
SALEM, OR 97304
Site 1 of 3 in cluster M | **LUST UST** | **U004015460 N/A**

Relative: Higher

Actual: 146 ft.

LUST:

Region:	Western Region
Facility ID:	27-90-4082
Cleanup Received Date:	05/16/1990
Cleanup Start Date:	05/16/1990
Cleanup Complete Date:	**Not reported**

Region:	Western Region
Facility ID:	27-97-4060
Cleanup Received Date:	04/07/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	306
Facility Telephone:	(503)364-4903
Permittee Name:	RITCHIE SHELL SERVICE
Number of Permitted Tanks:	2
Active Tanks:	2
Decommissioned Tanks:	4
Number of Tanks:	6

---

66 WSW 1/4-1/2 0.278 mi. 1469 ft. | **SALEM ELECTRIC**
633 SEVENTH ST NW
SALEM, OR 97304 | **LUST** | **1000205604 N/A**

Relative: Higher

Actual: 145 ft.

LUST:

Region:	Western Region
Facility ID:	27-90-4203
Cleanup Received Date:	08/30/1990
Cleanup Start Date:	08/29/1990
Cleanup Complete Date:	**11/16/1990**

N67 SE 1/4-1/2 0.280 mi. 1479 ft. | **EOFF ELECTRIC**
320 UNION ST NE
SALEM, OR 97301
Site 1 of 2 in cluster N | **LUST UST** | **U000434135 N/A**

Relative: Higher

Actual: 157 ft.

LUST:

Region:	Western Region
Facility ID:	24-89-4173
Cleanup Received Date:	12/01/1989
Cleanup Start Date:	12/04/1989
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	10207
Facility Telephone:	(503) 371-3633

EOFF ELECTRIC (Continued) **U000434135**

Permittee Name: LES WILLIAMSON
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 7
Number of Tanks: 7

H68 SE 1/4-1/2 0.282 mi. 1489 ft.

ROBERSON MOTORS SITE (OLD)
435 COMMERCIAL ST NE
SALEM, OR 97310

FINDS 1006857263
LUST N/A
ECSI

Site 10 of 10 in cluster H

Relative: Higher

Actual: 158 ft.

FINDS:

Registry ID: 110014196850

Environmental Interest/Information System
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.

LUST:

Region: Western Region
Facility ID: 24-90-4224
Cleanup Received Date: 09/04/1990
Cleanup Start Date: 09/04/1990
Cleanup Complete Date: 09/18/1992

Region: Western Region
Facility ID: 24-90-4330
Cleanup Received Date: 01/09/1991
Cleanup Start Date: 12/18/1990
Cleanup Complete Date: 09/18/1992

ECSI:

State ID Number:	1622	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	832	Investigation:	Suspect
FACA ID:	9033	Further Action:	260
Lat/Long (dms):	44 56 39.80 / -123 2 19.70	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	06/08/2011

Hazardous Release:

Substance ID.: 121059
Haz Release ID: 384569
Qty Released: unknown
Date Released: unknown

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Update Date: 11/14/1994
Update By: Not reported
Substance Code: 1336-36-3
Substance Name: PCBs
Substance Abbrev.: Not reported
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
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
Sampling Result ID: 342996
Feature Id: Not reported
Hazard Release Id: 384569
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/01/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 4.5 ppm
Last Update By: ars
Update Date: 11/14/1994

Narrative:
NARR ID: 5734510
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Gasoline, diesel fuel, and PCB impacts to soil at a former auto dealer. Discovered during site renovation in 1991. PCBs detected in soil near hydraulic lift location. Gasoline and diesel also impact groundwater.

NARR ID: 5734511
NARR Code: Data Sources
Created By: Not reported

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Western Region LUST files #24-90-4330 and #24-91-4112.

NARR ID: 5734512
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: PCBs from hydraulic oil

NARR ID: 5734513
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Unknown

NARR ID: 5734514
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Site has been renovated and now has an office building and a bridge on-ramp. The site is located approximately 800 feet east of Willamette River.

NARR ID: 5734515
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: LUST program to continue its investigation. Site has low priority in LUST.

NARR ID: 5734516
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Potential groundwater contamination

Administrative Action:

Admin ID:	713964	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/04/1995	Complete Date:	10/04/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	657	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Facility proposed for Confirmed Release List

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Further Action: Not reported
Comments: Not reported

Admin ID:	702275	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/20/2001	Complete Date:	09/20/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	767	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Insufficient information to list
Further Action: Not reported
Comments: Listing aborted due to lack of regional follow-through.

Admin ID:	715406	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: State Expanded Preliminary Assessment recommended (XPA)
Further Action: Low
Comments: LUST program to take the lead.

Admin ID:	717182	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1994	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to database
Further Action: Not reported
Comments: Not reported

Admin ID:	719538	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1994	Complete Date:	10/27/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Admin ID:	719540	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719541	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/27/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719566	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/27/1994	Complete Date:	11/08/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719567	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/28/1994	Complete Date:	10/28/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	712236	Action ID:	9431
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	04/02/1997	Complete Date:	04/02/1997
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	HOLD	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Place on hold		
Further Action:	Not reported		
Comments:	On hold pending outcome of PCB Generic Remedy.		

Operations:

Operation Id:	132955
Operation Status:	Active
Common Name:	Robertson Motors Site

ROBERSON MOTORS SITE (OLD) (Continued) **1006857263**

Yrs of Operation: 58 years
Comments: auto dealership
Updated Date: 05/01/1995
Operations SIC Id: 195859
SIC Code: 5012
Created By: Not reported
Created Date: 12/17/2002

O69
SW
1/4-1/2
0.303 mi.
1598 ft.

OREGON TURKEY GROWERS
740 BASSETT ST NW
SALEM, OR 97304

LUST **U000434080**
N/A

Site 1 of 3 in cluster O

Relative:
Higher

Actual:
146 ft.

LUST:
Region: Western Region
Facility ID: 27-89-4211
Cleanup Received Date: 11/20/1989
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

P70
NE
1/4-1/2
0.305 mi.
1612 ft.

THE ARSENAL
280 PINE ST NE
SALEM, OR 97303

LUST **U004015447**
UST **N/A**

Site 1 of 3 in cluster P

Relative:
Higher

Actual:
147 ft.

LUST:
Region: Western Region
Facility ID: 24-94-4128
Cleanup Received Date: 08/26/1994
Cleanup Start Date: 09/15/1994
Cleanup Complete Date: 06/20/1997

UST:
Facility ID: 617
Facility Telephone: (503) 949-5074
Permittee Name: Jeffrey H. Sawyer
Number of Permitted Tanks: 4
Active Tanks: 4
Decommissioned Tanks: 4
Number of Tanks: 8

P71
NE
1/4-1/2
0.305 mi.
1612 ft.

THE ARSENAL
280 PINE ST NE
SALEM, OR 97303

LUST **S111429712**
N/A

Site 2 of 3 in cluster P

Relative:
Higher

Actual:
147 ft.

LUST:
Region: Western Region
Facility ID: 24-11-1270
Cleanup Received Date: 12/01/2011
Cleanup Start Date: Not reported

THE ARSENAL (Continued) **S111429712**

Cleanup Complete Date: Not reported

Q72
SSE
1/4-1/2
0.308 mi.
1626 ft.

HEATING OIL TANK **LUST** **S104657846**
FRONT ST NE @ COURT ST NE **N/A**
SALEM, OR 97301

Site 1 of 6 in cluster Q

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	24-00-5433
Cleanup Received Date:	07/27/2000
Cleanup Start Date:	07/19/2000
Cleanup Complete Date:	**09/07/2000**

M73
West
1/4-1/2
0.313 mi.
1652 ft.

CIRCUIT WORLD INC. **FINDS** **1006857381**
585 9TH ST NW **ECSI** **N/A**
SALEM, OR 97304

Site 2 of 3 in cluster M

Relative:
Higher

Actual:
148 ft.

FINDS:

Registry ID: 110014198064

Environmental Interest/Information System
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:	356	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	9017	Further Action:	0
Lat/Long (dms):	44 56 58.00 / -123 3 9.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	6400	Size:	8,750 sq. ft.
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	07/10/2008

Hazardous Release:

Substance ID.:	121737
Haz Release ID:	383794
Qty Released:	unknown
Date Released:	unknown
Update Date:	01/09/1988
Update By:	Not reported
Substance Code:	7697-37-2

CIRCUIT WORLD INC. (Continued) **1006857381**

Substance Name: NITRIC ACID
Substance Abbrev.: Not reported
Substance Alias ID: 319462
Sub Alias Name: AQUAFORTIS
Comment ID: 303955
Release Code: Data Sources
Release Comments: DEQ inspector observation 9-6-84
Sampling Result ID: 346256
Feature Id: Not reported
Hazard Release Id: 383794
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: True
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: pH <2
Last Update By: kpd
Update Date: 06/03/1996

Narrative:
NARR ID: 5728888
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:(9/1/88 MMD/SAS) On September 6, 1984, a City of Salem inspector observed puddles of blue liquid at the site. The pH of the puddles was less than 2. A DEQ inspector also observed that chemicals had been allowed to discharge into a storm water basin. A Notice of Violation (NOV) was issued 9/25/84. There is no record of additional sampling or cleanup at the site.

NARR ID: 5728889
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Inspection reports. Photos.

NARR ID: 5728890
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:nitric acid

NARR ID: 5746248
NARR Code: Remedial Action
Created By: SNICHOL

CIRCUIT WORLD INC. (Continued) **1006857381**

Created Date: 02/08/2005
Updated By: SNICHOL
Updated Date: 02/08/2005
NARR Comments: There is insufficient information to determine whether there was a significant release of hazardous substances to soil or water at the former Circuit World, Inc. site. If there was a release it appears the most likely impacts would have been to the drainage ditch or Willamette River, but that residual contamination in these areas, if any, is unlikely to pose a significant threat to human health or the environment. Based on existing information, it appears the Site was in compliance with DEQ regulation and standards in place in 1984. Therefore, DEQ has determined that unless additional information becomes available justifying further investigation, no further action is required under the Environmental Cleanup Program. This determination applies only to the acidic waste issue addressed in the 1984 DEQ Notice of Violation and this Strategy Recommendation.

Administrative Action:

Admin ID:	721922	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	729822	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729823	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	729825	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/08/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	Not reported

CIRCUIT WORLD INC. (Continued) **1006857381**

Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	02/08/2005
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	703245	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/01/2005	Complete Date:	02/08/2005
Substance Code:	SAS	Rank Value:	0
Employee Id:	566	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State Screen. NFA.		

Admin ID:	724002	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718301	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	131778
Operation Status:	Inactive
Common Name:	Circuit World Inc.
Yrs of Operation:	Not reported
Comments:	Electroplating
Updated Date:	03/16/1995
Operations SIC Id:	195315
SIC Code:	3471
Created By:	Not reported
Created Date:	12/17/2002

M74 West 1/4-1/2 0.314 mi. 1658 ft. | **MIKE'S SEPTIC SERVICE INC**
560 GLEN CREEK ROAD NW
SALEM, OR 97304

LUST **U003188869**
UST **N/A**

Site 3 of 3 in cluster M

Relative: Higher

Actual: 152 ft.

LUST:

Region:	Western Region
Facility ID:	27-97-4157
Cleanup Received Date:	10/20/1997
Cleanup Start Date:	10/15/1997
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	11763
Facility Telephone:	(503)
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

R75 ENE 1/4-1/2 0.319 mi. 1684 ft. | **MAIN AUTO BODY INC**
1610 COMMERCIAL ST NE
SALEM, OR 97303

RCRA-CESQG **1000257862**
FINDS **ORD982655078**
LUST
ECSI

Site 1 of 4 in cluster R

Relative: Higher

Actual: 156 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2003
Facility name:	MAIN AUTO BODY INC
Facility address:	1610 COMMERCIAL ST NE SALEM, OR 97303
EPA ID:	ORD982655078
Mailing address:	325 NE CIRCLE BLVD CORVALLIS, OR 97330
Contact:	STEVE PERLENFEIN
Contact address:	1610 COMMERCIAL ST NE SALEM, OR 97303
Contact country:	US
Contact telephone:	(503) 581-3350
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

MAIN AUTO BODY INC (Continued) **1000257862**

Owner/Operator Summary:

Owner/operator name:	MAIN AUTO BODY INC
Owner/operator address:	1610 COMMERCIAL ST NE SALEM, OR 97303
Owner/operator country:	US
Owner/operator telephone:	(503) 581-3350
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2003
Owner/Op end date:	Not reported

Owner/operator name:	MAIN AUTO BODY INC
Owner/operator address:	631 NW KOUNS DR ALBANY, OR 97321
Owner/operator country:	US
Owner/operator telephone:	(541) 928-0351
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/10/1993
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	03/21/2003
Facility name:	MAIN AUTO BODY INC
Classification:	Small Quantity Generator

Date form received by agency:	03/18/2002
Facility name:	MAIN AUTO BODY INC
Classification:	Small Quantity Generator

Date form received by agency:	03/15/2001
Facility name:	MAIN AUTO BODY INC
Classification:	Small Quantity Generator

Date form received by agency:	03/31/2000
Facility name:	MAIN AUTO BODY INC
Classification:	Small Quantity Generator

Date form received by agency: 03/26/1999

MAIN AUTO BODY INC (Continued) **1000257862**

Facility name: MAIN AUTO BODY INC
Classification: Small Quantity Generator

Date form received by agency: 03/02/1998
Facility name: MAIN AUTO BODY INC
Classification: Small Quantity Generator

Date form received by agency: 02/21/1997
Facility name: MAIN AUTO BODY INC
Classification: Small Quantity Generator

Date form received by agency: 03/01/1996
Facility name: MAIN AUTO BODY INC
Classification: Small Quantity Generator

Date form received by agency: 02/28/1995
Facility name: MAIN AUTO BODY INC
Classification: Small Quantity Generator

Date form received by agency: 02/03/1994
Facility name: MAIN AUTO BODY INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

FINDS:

Registry ID: 110004794624

Environmental Interest/Information System
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.

LUST:
Region: Western Region
Facility ID: 24-95-4095
Cleanup Received Date: 07/06/1995
Cleanup Start Date: 01/01/1993
Cleanup Complete Date: 05/29/1998

MAIN AUTO BODY INC (Continued) **1000257862**

ECSI:

State ID Number:	1611	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	832	Investigation:	Suspect
FACA ID:	3777	Further Action:	260
Lat/Long (dms):	44 57 19.80 / -123 1 58.80	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	15	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	01/02/2007

Hazardous Release:

Substance ID.:	122012
Haz Release ID:	384535
Qty Released:	unknown
Date Released:	unknown
Update Date:	10/27/1994
Update By:	Not reported
Substance Code:	ECD275
Substance Name:	TOTAL PETROLEUM HYDROCARBONS (TPH)
Substance Abbrev.:	Not reported
Substance Category ID:	8540
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8540
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Comment ID:	303096
Release Code:	Data Sources
Release Comments:	Lab work suspect - release not reported by RP
Sampling Result ID:	344960
Feature Id:	Not reported
Hazard Release Id:	384535
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	Not reported
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	04/01/1993
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	(gasoline) up to 2900 ppm
Last Update By:	ars
Update Date:	10/27/1994

Substance ID.:	121608
Haz Release ID:	384536

MAIN AUTO BODY INC (Continued) **1000257862**

Qty Released: unknown
Date Released: unknown
Update Date: 10/27/1994
Update By: Not reported
Substance Code: 71-43-2
Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL
Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE
Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Sampling Result ID: 344961
Feature Id: Not reported
Hazard Release Id: 384536
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 04/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 16 ppb
Last Update By: ars
Update Date: 10/27/1994

Substance ID.: 121610
Haz Release ID: 384537
Qty Released: unknown
Date Released: unknown
Update Date: 10/27/1994
Update By: Not reported
Substance Code: 71-55-6
Substance Name: TRICHLOROETHANE,1,1,1-
Substance Abbrev.: Not reported
Substance Category ID: 8521
Substance Category: Volatiles
Category Level: Not reported

MAIN AUTO BODY INC (Continued) **1000257862**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8552
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8521
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8552
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318151
Sub Alias Name: TCA,1,1,1-
Substance Alias ID: 319183
Sub Alias Name: BALTANA
Substance Alias ID: 319184
Sub Alias Name: CHLOROTHENE
Substance Alias ID: 319185
Sub Alias Name: METHYLCHLOROFORM
Sampling Result ID: 344962
Feature Id: Not reported
Hazard Release Id: 384537
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 04/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 13 ppm
Last Update By: ars
Update Date: 10/27/1994

Narrative:
NARR ID: 5734454
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: April 1993 investigation found gasoline and trichloroethane in soils on-site. BTEX detected in GW. Work performed by UST Environmental and now suspect. Report documentation is poor and inconsistent. (NOTE: in April 1994, UST Environmental was indicted for fraud, racketeering, and provision of fraudulent services.)

NARR ID: 5734455
NARR Code: Data Sources

MAIN AUTO BODY INC (Continued) **1000257862**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Salem Planning Division, Subsurface Investigation Report

NARR ID: 5734456
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Petroleum products, paints, and potentially solvents.

NARR ID: 5734457
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: past practices

NARR ID: 5734458
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: No ongoing investigation or work; further evaluation is required.

Administrative Action:

Admin ID:	716735	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/22/1994	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719480	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/26/1994	Complete Date:	09/27/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719544	Action ID:	9496
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/27/1994	Complete Date:	09/27/1994

MAIN AUTO BODY INC (Continued) **1000257862**

Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Basic Preliminary Assessment recommended (PA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	719568	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/26/1994	Complete Date:	09/26/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719569	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/26/1994	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	Not reported		
Comments:	UST Environmental work in question.		

Operations:

Operation Id:	132945
Operation Status:	Active
Common Name:	Main Auto Body
Yrs of Operation:	unknown
Comments:	Auto body repair, painting
Updated Date:	03/16/1995
Operations SIC Id:	195852
SIC Code:	7532
Created By:	Not reported
Created Date:	12/17/2002

Q76 **ROBERSON MOTORS--GASOLINE** **LUST** **S110638892**
SSE **365 COMMERCIAL ST NE** **N/A**
1/4-1/2 **SALEM, OR 97301**
0.320 mi.
1692 ft. **Site 2 of 6 in cluster Q**

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	24-91-4112
Cleanup Received Date:	04/04/1991
Cleanup Start Date:	03/08/1992
Cleanup Complete Date:	**Not reported**

R77 **NORRIS PAINT CO. (FORMER)** **OR CRL** **S108659686**
ENE **1675 COMMERCIAL ST. NE** **AST** **N/A**
1/4-1/2 **SALEM, OR 97303** **OR HAZMAT**
0.323 mi. **NPDES**
1707 ft. **Site 2 of 4 in cluster R** **HSIS**
ECSI

Relative:
Higher

Actual:
156 ft.

CRL:

Facility ID:	307
Location ID:	2891
Status Code:	LIS
Facility Status:	Site Investigation recommended (SI)
Lat/Long:	44.956 / -123.0335

AST:

Facility Id:	001866
Hazardous Substance:	SOLVENT 07A
Reporting Quantities:	5,000-9,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK
Storage 2:	STEEL DRUM

Facility Id:	001866
Hazardous Substance:	RESIN 49A
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

Facility Id:	001866
Hazardous Substance:	TRAFFIC PAINT YELLOW
Reporting Quantities:	10,000-49,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

Facility Id:	001866
Hazardous Substance:	ADDITIVE 14A
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

Facility Id:	001866
Hazardous Substance:	SOLVENT 10A
Reporting Quantities:	10,000-49,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

Facility Id:	001866
Hazardous Substance:	SOLVENT 02A
Reporting Quantities:	5,000-9,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	CARBOY
Storage 2:	ABOVEGROUND TANK

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Facility Id: 001866
Hazardous Substance: SOLVENT 01A
Reporting Quantities: 10,000-49,999
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

Facility Id: 001866
Hazardous Substance: PROPANE
Reporting Quantities: 500-999
Quantity Units: GALLONS
Physical State: GAS
Storage 1: ABOVEGROUND TANK
Storage 2: CYLINDER

Facility Id: 001866
Hazardous Substance: RESIN 28A
Reporting Quantities: 1,000-4,999
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: STEEL DRUM
Storage 2: ABOVEGROUND TANK

Facility Id: 001866
Hazardous Substance: SOLVENT 04A
Reporting Quantities: 10,000-49,999
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: ABOVEGROUND TANK

HAZMAT:
Responsble Party: ENNIS PAINT
RP Company: Not reported
RP Address: 1675 COMMERCIAL ST NE
RP City,St,Zip: SALEM, OR 97303
Facility ID: 060030
OERS Number: 20061829
Dept Rsp: SALEM FD
Narrative: Not reported
Property Loss: Not reported
Amount Released: Not reported
Service County: Not reported
Service Name: Not reported
Incident Type: Not reported
Civilian Casualty Activity: Not reported
Chemical Name: Not reported
Hazmat Area Affected: Not reported
Hazmat Area Evacuated: Not reported
Hazmat Container Type: Not reported
Hazmat Physical State Released: Not reported
Hazmat Released Into: Not reported
Hazmat Released Volume Units: Not reported
Hazmat Released Weight Units: Not reported
Hazmat Released From: Not reported
Hazmat Area Affected Measurement: Not reported
Hazmat No. of People Evacuated: Not reported
Hazmat No of Buildings Evacuated: Not reported

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	12/30/2005
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	060030
Dept. Responding:	SALEM FD
Person Making Report:	LARRY BLUMENSTEIN
Title:	Not reported
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	07/22/2006
Call Time:	9:07:00 AM
In Route:	9:15:00 AM
Arrival:	9:20:00 AM
Depart Scene:	11:45:00 AM
Back In Quarters:	11:45:00 AM
In Service:	11:55:00 AM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	True
Was Oers Notified?:	True
Oers Number:	20061829
Team Number:	HM13
Agency Report Number:	SMF06009418
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Industrial
Responsible Party(Ies):	ENNIS PAINT
Company:	Not reported
Respcontact:	DARIN GREGG
Address:	1675 COMMERCIAL ST NE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97303
Phone:	5033642277
Resp Phone2:	5039308480
Weather:	2
Temperature:	7
Wind Speed:	1
Wind Direction:	N
Were Haz Materials Released?:	True
Operation Performed:	During Manufacture
Cause:	Improper Handling
Vehicle And Cargo:	1000
Fixed Property:	0
Total Loss:	$1,000.00

Chemical:

Chemical Info:	362
Chemical Id:	33062
Incident Id:	060030
Chemical Name:	XYLENE
UNNA:	Not reported
Amount At Risk:	100

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Amount Released: 100
Amount Measured: 2
Biological: False
Radiological: False

Chemical Id: 33062
Chemical Name: XYLENE
Hazardous Ingredient: XYLENE
Hazardous Class 1: 3.2
Hazardous Class 2: 6.3
Hazardous Rank: 2
Case Number: 1330207
UNNA Number: 1307
EPA Pest Reg: Not reported
EHA Chem: N
PSM Chem: N
CAA 112R Chem: N

Method:
Method Used Id: 298
Incident Id: 060030
Identity Method: 3

Method Used Id: 299
Incident Id: 060030
Identity Method: 5

Released:
Release Behavior Id: 403
Incident Id: 060030
Behavior: 6

Release Behavior Id: 404
Incident Id: 060030
Behavior: 7

Release Behavior Id: 405
Incident Id: 060030
Behavior: 4

Narrative:
Narrative Id: 290
Incident Id: 060030
Incident Narrative: Workers at Ennis Paint had just finished pumping approximately 150 gallons from a 250 gallon tote of xylene. Workers failed to disconnect the bottom discharge hose, or close the ball valve outlet at the bottom of the tote, before attempting to move the tote with a forklift. AS the worker backed the forklift with the 250 gallon tote, the 2 1/2" line pulled away from the pump and allowed the tank to discharge its contents.
A total of 100 gallons of xylene was reported lost from the 250 ga llon tote.
A portion of the spilled xylene was captured in a containment well holding the mixing vat (an approximate 2000 gallon mixing vat); this

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

vat is where the xylene was being pumped. Darin Gregg said that he would recover this xylene, filter it, and return it to the mixing vat.

A portion of the xylene was spilled on the facility parking lot near the mixing vat. A parking lot storm drain (near the mixing vat) was equipped with a catch basin, but the storm drain discharge valve was left in the "on" position (a violation), which caused some product to enter the storm drainage system.

Some xylene flowed south from the catch basin storm drain discharge and entered the 12 inch storm drain on Norway. The xylene then flowed east and was detected below the storm drain grate at Norway and Commercial; Ennis Paint employees recovered some product from this access point with absorbent pads. Pollution control placed an absorbent boon in this access point. The flow in this line was a trickle.

From the storm drain grate, a 12 inch line ran south to the center of Norway St into a 36 inch storm drain; the 36 inch line runs west and dumps into the Willamette River. An inspection of the liquid in the 36" storm drain revealed an 8 inch wide stream of fluid that was moving very slowly. A combustible gas indicator indicated 1% of lel with a pick-up tube near the surface of the running water (about 9" down from street level).

An inspection of the 36" storm drains through the manholes at Front St and Water St revealed no detectable odor of xylene.

A portion of the xylene was spilled on to Norway St. Ennis Paint personnel picked up some of the Norway St xylene with absorbent pads. The spilled xylene on the roadway stopped about 6 feet short of the street storm drain at Norway & Commercial.

It was possible to determine the surface travel of the xylene spill because the xylene was being pumped from a tote that had previously held white paint. It is easy to see the outline of where the xylene traveled by the white paint residue left behind.

No odor of xylene was detected at the Willamette River discharge.

Incident Date: 7/22/2006

NPDES:

WQ File Nbr:	100505
Legal Name:	ENNIS PAINT INC
Region:	WR
Pri SIC:	2851
Facility Type:	PAINTS
Latitude:	44.956
Longitude:	-123.0335
Category:	STM
Permit Type:	GEN12Z
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Stormwater; NPDES specific SIC codes
Expiration Date:	06/30/2012
EPA Number:	ORR231640
UIC Facility:	False

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Admin Agent:	Salem Office
Last Action Date:	05/03/2012
Permit Writer:	English
Compliance Inspector:	English
DMR Reviewer:	English
Application Number:	964163
Class:	MINOR
Start Date:	11/17/1997

WQ File Nbr:	100505
Legal Name:	ENNIS PAINT INC
Region:	Not reported
Pri SIC:	2851
Facility Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Category:	Not reported
Permit Type:	GEN12H
Permit Active:	Not reported
Is Active?:	FALSE
Permit Description:	Not reported
Expiration Date:	Not reported
EPA Number:	Not reported
UIC Facility:	Not reported
Admin Agent:	Not reported
Last Action Date:	Not reported
Permit Writer:	Not reported
Compliance Inspector:	Not reported
DMR Reviewer:	Not reported
Application Number:	Not reported
Class:	Not reported
Start Date:	Not reported

HSIS:

Facility Id:	001866
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	TRAFFIC MARKINGS
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	325131
NAICS Desc 1:	INORGANIC DYE AND PIGMENT MANUFACTURING
NAICS Code 2:	325510
NAICS Desc 2:	PAINT AND COATING MANUFACTURING
Manager Name:	JOHN ANDERSON
Business Phone:	5033642277
Mailing Address:	1855 PLYMOUTH RD NW
Mailing City,St,Zip:	ATLANTA, GA 30318
No. of Employees:	30
Day Phone:	4044146818
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	DEMARCO DOXIE
Emergency Procedure:	HUMAN RESOURCE OFFICE - SALEM
Business Type:	PAINT MFG

Facility:

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Facility Id:	001866
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYL HYDROXYCELLULOSE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	9004584
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001866
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	ACRYLIC COPOLYMER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	001866
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	30
Maximum Amount Possessed During The Year Code:	31
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50,000-99,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	CRYSTALLINE QUARTZ
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	14808607
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001866
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	30
Maximum Amount Possessed During The Year Code:	31
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50,000-99,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	LEAD CHROMATE
United Nations/north America 4 Digit Class Number:	2291
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	2291
Chemical Abstract Service Identifier Number:	7758976
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	001866
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	30
Maximum Amount Possessed During The Year Code:	31
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50,000-99,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	BARIUM SULFATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7727437
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	307	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	832	Investigation:	Listed on the CRL/Inventory
FACA ID:	2891	Further Action:	258
Lat/Long (dms):	44 57 21.60 / -123 2 .60	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	009047754
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	15	Qtr Section:	Not reported
Tax Lots:	10400, 10600	Size:	1.4 acres
NPL:	False	Orphan:	False
Updated By:	NREAD	Update Date:	12/14/2012
Alias Name:	Morton International Inc.		
Alias Name:	Morton Traffic Markings		
Alias Name:	Whittaker Corp.		
Alias Name:	TMT Pathway		
Alias Name:	Norris Paint & Varnish		
Alias Name:	Ennis Paint - Salem		

Hazardous Release:

Substance ID.:	121639
Haz Release ID:	383092
Qty Released:	unknown

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Date Released: unknown
Update Date: 06/04/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303837
Release Code: Data Sources
Release Comments: 4-22-80 Smplng & anlysis by Cty of Salem data inc in PA by E & E 1-85
Sampling Result ID: 346745
Feature Id: Not reported
Hazard Release Id: 383092
Medium: 703
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 3450 mg/kg
Last Update By: CONV
Update Date: 09/13/1994

Substance ID.: 121671
Haz Release ID: 383093
Qty Released: unknown
Date Released: unknown
Update Date: 06/04/1988
Update By: Not reported
Substance Code: 7440-47-3
Substance Name: CHROMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Created Date: 12/17/2002
Substance Alias ID: 318145
Sub Alias Name: CHROMIUM, INORGANIC
Substance Alias ID: 319294
Sub Alias Name: CHROMIUM, TOTAL
Comment ID: 303838
Release Code: Data Sources
Release Comments: 4-22-80 Smplng & anlysis by Cty of Salem data inc in PA by E & E 1-85
Sampling Result ID: 346155
Feature Id: Not reported
Hazard Release Id: 383093
Medium: 703
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 695 mg/kg
Last Update By: CONV
Update Date: 09/13/1994

Substance ID.: 121679
Haz Release ID: 383094
Qty Released: unknown
Date Released: unknown
Update Date: 06/04/1988
Update By: Not reported
Substance Code: 7440-66-6
Substance Name: ZINC
Substance Abbrev.: Not reported
Substance Alias ID: 319302
Sub Alias Name: ZN
Comment ID: 303839
Release Code: Data Sources
Release Comments: 4-22-80 Smplng & anlysis by Cty of Salem data inc in PA by E & E 1-85
Sampling Result ID: 345166
Feature Id: Not reported
Hazard Release Id: 383094
Medium: 703
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 354 mg/kg
Last Update By: CONV
Update Date: 09/13/1994

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Substance ID.: 121608
Haz Release ID: 384570
Qty Released: unknown
Date Released: unknown
Update Date: 11/15/1994
Update By: Not reported
Substance Code: 71-43-2
Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL
Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE
Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Sampling Result ID: 342999
Feature Id: Not reported
Hazard Release Id: 384570
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 06/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 68 ppb
Last Update By: ars
Update Date: 11/15/1994

Substance ID.: 121011
Haz Release ID: 384571
Qty Released: unknown
Date Released: unknown
Update Date: 11/15/1994
Update By: Not reported
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 342998
Feature Id: Not reported
Hazard Release Id: 384571
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 06/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 11 ppb
Last Update By: ars
Update Date: 11/15/1994

Substance ID.: 121694
Haz Release ID: 384572
Qty Released: unknown
Date Released: unknown
Update Date: 11/15/1994
Update By: Not reported

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Substance Code: 75-09-2
Substance Name: METHYLENE CHLORIDE
Substance Abbrev.: Not reported
Substance Category ID: 8518
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8518
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319341
Sub Alias Name: DICHLOROMETHANE
Substance Alias ID: 319342
Sub Alias Name: METHANE DICHLORIDE
Substance Alias ID: 319343
Sub Alias Name: METHYLENE BICHLORIDE
Substance Alias ID: 319344
Sub Alias Name: METHYLENE DICHLORIDE
Sampling Result ID: 342997
Feature Id: Not reported
Hazard Release Id: 384572
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 06/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 7 ppb
Last Update By: ars
Update Date: 11/15/1994

Narrative:
NARR ID: 5728839
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Phenylmercuric acetate in wastewater was discharged to a storm sewer (1946-1975), which directly entered the Willamette River. The same wastewater from 1975 to present is being discharged to a sanitary sewer w/o pretreatment. Site may require PRETREATMENT PROCESS under NPDES. Also, possible contamination of on- and off-site soils due to runoff. Previous surficial soil samples indicated possible lead and chromium contamination.

NARR ID: 5728840
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: EPA CERCLA Preliminary Assessment & Site Investigation; DEQ correspondence

NARR ID: 5728841
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Pigment bags that contained lead chromate, aromatic solvents, sludge containing solvents; later sludge containing phenylmercuric acetate, phenylmercuric acetate in wastewater; ASTs and USTs containing MEK, acetone, toluene, methylene, chloride, heptane, resins.

NARR ID: 5728842
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Manner and time of release unknown.

NARR ID: 5728843
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Robert Norris, OWN, PRI, sole owner prior to 1979 Morton International Inc since 1990.

NARR ID: 5728844
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: The Willamette River is located 500 ft west of the site; phenylmercuric acetate in wastewater is currently discharged to a sanitary sewer w/o pretreatment. Contaminated sludges - latex sludges are reprocessed, but solvent sludges (aromatics) are still landfilled. (1994) Elevated levels of VOCs and metals in on-site wells. Soil potentially impacted in AST, UST, and storm drain areas.

NARR ID: 5746320
NARR Code: Remedial Action
Created By: BTHOMS
Created Date: 02/15/2005
Updated By: GWISTAR
Updated Date: 12/05/2012
NARR Comments: (2/15/05 BET/VCP) TMT Pathway, current owners of the property entered the VCP in December 2004 to conduct assessment and possible cleanup.
(8/5/05 M2C/VCP) TMT Pathway has decided to wait on assessment act ivities.

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

(6/11/08 MRosenburg/SRS) Site owner dropped out of VCP in 2005. Si te appears to need further assessment and possible cleanup.
(12/03/12 - NWR) Currently waiting to receive draft XPA for DEQ re view. Draft XPA has been written and has been in internal review with Dow since at least June of 2012.

NARR ID: 5728845
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Potential surface water and groundwater contamination.

NARR ID: 5728846
NARR Code: Containment Units
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: solvent recyling or solvents sent to solvent reclaimer

Administrative Action:

Admin ID:	735604	Action ID:	9506
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/11/2008	Complete Date:	06/11/2008
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	632	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	08/05/2008
Action Code:	RSI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Investigation recommended (SI)		
Further Action:	Medium		
Comments:	Site owner dropped out of VCP in 2005. Site appears to need further assessment and possible cleanup.		

Admin ID:	722032	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715401	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/27/1994	Complete Date:	09/29/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Further Action: Not reported
Comments: Not reported

Admin ID:	715628	Action ID:	9457
Agency:	Environmantal Protection Agency	Region:	Not reported
Start Date:	08/01/1984	Complete Date:	08/03/1984
Substance Code:	Not reported	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PA1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	EPA Basic Preliminary Assessment		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715629	Action ID:	9512
Agency:	Environmantal Protection Agency	Region:	Not reported
Start Date:	01/01/1985	Complete Date:	04/12/1985
Substance Code:	Not reported	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	EPA Screening Site Inspection 1		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715630	Action ID:	9514
Agency:	Environmantal Protection Agency	Region:	Not reported
Start Date:	02/08/1994	Complete Date:	02/08/1994
Substance Code:	Not reported	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SP1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	EPA Site Inspection Prioritization		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	715895	Action ID:	9421
Agency:	Environmantal Protection Agency	Region:	Not reported
Start Date:	03/01/1980	Complete Date:	Not reported
Substance Code:	Not reported	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	DS1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to CERCLIS		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724012	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	717255	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/30/1994	Complete Date:	09/30/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Medium		
Comments:	Not reported		

Admin ID:	717517	Action ID:	9448
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1995	Complete Date:	01/24/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Review for final listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	717518	Action ID:	9488
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/25/1995	Complete Date:	01/25/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RLSC	Category:	Listing Action
Action Flag:	False	Action Code Flag:	False
Action:	Listing on Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	717519	Action ID:	9438
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/26/1995	Complete Date:	01/26/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	657	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility placed on Confirmed Release List		
Further Action:	0		
Comments:	Not reported		

Admin ID:	717900	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	04/06/1988	Complete Date:	Not reported

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Substance Code:	SRS	Rank Value:	0
Employee Id:	631	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719539	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/27/1994	Complete Date:	09/29/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719542	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/29/1994	Complete Date:	09/30/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719543	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/30/1994	Complete Date:	09/30/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	719595	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	12/05/1994	Complete Date:	12/05/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	657	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

NORRIS PAINT CO. (FORMER) (Continued) **S108659686**

Admin ID:	740316	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/20/2011	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	612	Cleanup Flag:	False
Created By:	NREAD	Created Date:	12/03/2012
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	Medium		
Comments:	Draft XPA report was complete by June of 2012, but has not yet been submitted to DEQ for review (NWR 12/03/12).		

Admin ID:	734158	Action ID:	9433
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/08/2004	Complete Date:	08/05/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2033	Cleanup Flag:	False
Created By:	MCLAIR	Created Date:	07/13/2007
Action Code:	IC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	INDEPENDENT CLEANUP		
Further Action:	0		
Comments:	(7/13/07 MPC/CU) Assigned to Bryn Thoms from ICP/VCP Waiting List 9/8/2004.		

Admin ID:	728942	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/26/2004	Complete Date:	09/08/2004
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	08/26/2004
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	Not reported		

Operations:

Operation Id:	131732
Operation Status:	Active
Common Name:	Norris Paint Co.
Yrs of Operation:	1946 to present
Comments:	Paint manufacturing plant, formulates, sells, packages paints and varnishes
Updated Date:	03/16/1995
Operations SIC Id:	195263
SIC Code:	2851
Created By:	Not reported
Created Date:	12/17/2002

R78 **TMT-PATHWAY LLC** **CERCLIS** **1000362652**
ENE **1675 COMMERCIAL ST NE** **RCRA NonGen / NLR** **97303NRRSP16**
1/4-1/2 **SALEM, OR 97303** **TRIS**
0.323 mi. **FINDS**
1707 ft. **Site 3 of 4 in cluster R** **UST**
MANIFEST
Relative: **US AIRS**
Higher

Actual:
156 ft.

CERCLIS:

Site ID:	1000368
EPA ID:	ORD009047754
Facility County:	MARION
Short Name:	MORTON TRAFFIC MARKINGS
Congressional District:	05
IFMS ID:	Not reported
SMSA Number:	7080
USGC Hydro Unit:	17090007
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	N
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	10
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup
Non NPL Status Date:	09/18/00
Site Fips Code:	41047
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Alias Name(s):

Alias ID:	101
Alias Name:	NORRIS PAINT & VARNISH INC
Alias Address:	Not reported
	OR
Alias ID:	102
Alias Name:	ENNIS PAINT INC.
Alias Address:	Not reported
	Not reported
Alias ID:	102
Alias Comments:	Not reported

Site Description: Not reported

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /

TMT-PATHWAY LLC (Continued) **1000362652**

Date Completed:	03/01/80
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	08/01/84
Date Completed:	08/03/84
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

Action Code:	001
Action:	SITE INSPECTION
Date Started:	01/01/85
Date Completed:	04/12/85
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

Action Code:	001
Action:	SITE REASSESSMENT
Date Started:	06/30/99
Date Completed:	09/18/00
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	12/07/2006
Facility name:	TMT-PATHWAY LLC
Facility address:	1675 COMMERCIAL ST NE SALEM, OR 97303
EPA ID:	ORD009047754
Mailing address:	9180 CRESTWYN HILLS DR MEMPHIS, TN 38125
Contact:	MICK EVANS
Contact address:	1675 COMMERCIAL ST NE SALEM, OR 97302
Contact country:	US

TMT-PATHWAY LLC (Continued) **1000362652**

Contact telephone: 503-364-2277
Contact email: MEVANSJPI@ATT.NET
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JACKSON PRODUCTS INC
Owner/operator address: 801 CORPORATE CENTER DRIVE, 3R
ST CHARLES, MO 63304
Owner/operator country: US
Owner/operator telephone: 636 300-2700
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/07/2006
Owner/Op end date: Not reported

Owner/operator name: JACKSON PRODUCTS INC
Owner/operator address: 801 CORPORATE CENTER DRIVE, 3R
ST CHARLES, MO 63304
Owner/operator country: US
Owner/operator telephone: 636 300-2700
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/07/2006
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/31/2003
Facility name: TMT-PATHWAY LLC
Classification: Not a generator, verified

Date form received by agency: 02/26/2003
Facility name: TMT-PATHWAY LLC
Classification: Not a generator, verified

Date form received by agency: 03/01/2002
Facility name: TMT-PATHWAY LLC

TMT-PATHWAY LLC (Continued) **1000362652**

Classification: Not a generator, verified

Date form received by agency: 04/11/2001
Facility name: TMT-PATHWAY LLC
Classification: Not a generator, verified

Date form received by agency: 03/01/2000
Facility name: TMT-PATHWAY LLC
Classification: Not a generator, verified

Date form received by agency: 03/01/2000
Facility name: TMT-PATHWAY LLC
Site name: MORTON INTERNATIONAL INC
Classification: Not a generator, verified

Date form received by agency: 01/22/1999
Facility name: TMT-PATHWAY LLC
Site name: MORTON INTERNATIONAL INC
Classification: Not a generator, verified

Date form received by agency: 03/10/1998
Facility name: TMT-PATHWAY LLC
Site name: MORTON INTERNATIONAL INC
Classification: Not a generator, verified

Date form received by agency: 01/14/1997
Facility name: TMT-PATHWAY LLC
Site name: MORTON INTERNATIONAL INC
Classification: Not a generator, verified

Date form received by agency: 01/30/1996
Facility name: TMT-PATHWAY LLC
Site name: MORTON INTERNATIONAL INC
Classification: Not a generator, verified

Date form received by agency: 11/27/1991
Facility name: TMT-PATHWAY LLC
Site name: MORTON INTERNATIONAL INC
Classification: Not a generator, verified

Date form received by agency: 11/17/1980
Facility name: TMT-PATHWAY LLC
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/31/2006
Date achieved compliance: 10/16/2007
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 09/29/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

TMT-PATHWAY LLC (Continued) **1000362652**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/31/2006
Date achieved compliance: 10/16/2007
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/09/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 11488
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/31/2006
Date achieved compliance: 10/16/2007
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 09/29/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/31/2006
Date achieved compliance: 11/30/2006
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/09/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 11488
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/31/2006
Date achieved compliance: 10/16/2007
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/09/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 11488
Final penalty amount: Not reported
Paid penalty amount: Not reported

TMT-PATHWAY LLC (Continued) **1000362652**

Regulation violated:	Not reported
Area of violation:	Generators - Pre-transport
Date violation determined:	07/31/2006
Date achieved compliance:	11/30/2006
Violation lead agency:	State
Enforcement action:	NOTICE OF NONCOMPLIANCE
Enforcement action date:	09/29/2006
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	10/20/1989
Date achieved compliance:	12/21/1989
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	11/16/1989
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	LDR - General
Date violation determined:	10/20/1989
Date achieved compliance:	12/21/1989
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	11/16/1989
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Evaluation Action Summary:

Evaluation date:	07/31/2006
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	11/30/2006
Evaluation lead agency:	State

Evaluation date:	07/31/2006
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	10/16/2007
Evaluation lead agency:	State

Evaluation date:	07/31/2006
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE

TMT-PATHWAY LLC (Continued) **1000362652**

Area of violation: Generators - General
Date achieved compliance: 10/16/2007
Evaluation lead agency: State

Evaluation date: 11/30/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/20/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/21/1989
Evaluation lead agency: State

Evaluation date: 10/20/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/21/1989
Evaluation lead agency: State

Evaluation date: 06/13/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

TRIS:

Click this hyperlink while viewing on your computer to access
2 additional US_TRIS: record(s) in the EDR Site Report.

FINDS:

Registry ID: 110000487900

Environmental Interest/Information System
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.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the

TMT-PATHWAY LLC (Continued) **1000362652**

Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

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

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.

HAZARDOUS WASTE BIENNIAL REPORTER

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

UST:

Facility ID:	3571
Facility Telephone:	(503) 364-2277
Permittee Name:	EUGENE KNUPP, PRODUCTION SUPERVISOR
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	4
Number of Tanks:	4

OR MANIFEST:

Manifest Year:	Manifest Year - 2011
EPA Id:	ORQ000025909
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	John
Contact Last Name:	Maurer
Contact Telephone Number:	Not reported
Mailing Address:	1675 Commercial ST. NE.
Mailing City:	Salem
Mailing State:	OR
Mailing Zip:	97303
RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006

TMT-PATHWAY LLC (Continued) **1000362652**

Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 43200
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 4400
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001
Waste Description: Paint resin
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 24000
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Paint and paint related debris
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965685JJK
Ship Date : 09/21/2006
TSD : OHD980613541
WS Num: Not reported
Transporter : UTD981552425

TMT-PATHWAY LLC (Continued) **1000362652**

Ship Qty : 44000
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D001 D005
Waste Description: Dura stripe B liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 2250
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 43200
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 4400
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001

TMT-PATHWAY LLC (Continued) **1000362652**

Waste Description: Paint resin
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 24000
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Paint and paint related debris
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965685JJK
Ship Date : 09/21/2006
TSD : OHD980613541
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 44000
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D001 D005
Waste Description: Dura stripe B liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 2250
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

TMT-PATHWAY LLC (Continued) **1000362652**

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 43200
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 4400
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001
Waste Description: Paint resin
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 24000
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Paint and paint related debris
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965685JJK
Ship Date : 09/21/2006

TMT-PATHWAY LLC (Continued) **1000362652**

TSD :	OHD980613541
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	44000
Rpt Unit :	LB
Off Mng :	H040
EPA Waste Codes:	D001 D005
Waste Description:	Dura stripe B liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006
Status:	Large quantity generator
Manifest :	965667JJK
Ship Date :	09/18/2006
TSD :	KSD980633259
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	2250
Rpt Unit :	LB
Off Mng :	H050
EPA Waste Codes:	D001 D007 D008
Waste Description:	Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006
Status:	Large quantity generator
Manifest :	965667JJK
Ship Date :	09/18/2006
TSD :	KSD980633259
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	43200
Rpt Unit :	LB
Off Mng :	H050
EPA Waste Codes:	D001 D007 D008
Waste Description:	Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006
Status:	Large quantity generator
Manifest :	965715JJK
Ship Date :	09/28/2006
TSD :	KSD980633259
WS Num:	Not reported
Transporter :	KSO000336891
Ship Qty :	4400

TMT-PATHWAY LLC (Continued) **1000362652**

Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001
Waste Description: Paint resin
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 24000
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Paint and paint related debris
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965685JJK
Ship Date : 09/21/2006
TSD : OHD980613541
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 44000
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D001 D005
Waste Description: Dura stripe B liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 2250
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

TMT-PATHWAY LLC (Continued) **1000362652**

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 43200
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 4400
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001
Waste Description: Paint resin
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 24000
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Paint and paint related debris
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965685JJK
Ship Date : 09/21/2006

TMT-PATHWAY LLC (Continued) **1000362652**

TSD :	OHD980613541
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	44000
Rpt Unit :	LB
Off Mng :	H040
EPA Waste Codes:	D001 D005
Waste Description:	Dura stripe B liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006
Status:	Large quantity generator
Manifest :	965667JJK
Ship Date :	09/18/2006
TSD :	KSD980633259
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	2250
Rpt Unit :	LB
Off Mng :	H050
EPA Waste Codes:	D001 D007 D008
Waste Description:	Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006
Status:	Large quantity generator
Manifest :	965667JJK
Ship Date :	09/18/2006
TSD :	KSD980633259
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	43200
Rpt Unit :	LB
Off Mng :	H050
EPA Waste Codes:	D001 D007 D008
Waste Description:	Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006
Status:	Large quantity generator
Manifest :	965715JJK
Ship Date :	09/28/2006
TSD :	KSD980633259
WS Num:	Not reported
Transporter :	KSO000336891
Ship Qty :	4400

TMT-PATHWAY LLC (Continued) **1000362652**

Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001
Waste Description: Paint resin
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 24000
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Paint and paint related debris
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965685JJK
Ship Date : 09/21/2006
TSD : OHD980613541
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 44000
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D001 D005
Waste Description: Dura stripe B liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 2250
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

TMT-PATHWAY LLC (Continued) **1000362652**

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965667JJK
Ship Date : 09/18/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : UTD981552425
Ship Qty : 43200
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 4400
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001
Waste Description: Paint resin
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965715JJK
Ship Date : 09/28/2006
TSD : KSD980633259
WS Num: Not reported
Transporter : KSO000336891
Ship Qty : 24000
Rpt Unit : LB
Off Mng : H050
EPA Waste Codes: D001 D007 D008
Waste Description: Paint and paint related debris
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD009047754
Inactive : 2006-12-07 00:00:00
Year : 2006
Status: Large quantity generator
Manifest : 965685JJK
Ship Date : 09/21/2006

TMT-PATHWAY LLC (Continued) **1000362652**

TSD :	OHD980613541
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	44000
Rpt Unit :	LB
Off Mng :	H040
EPA Waste Codes:	D001 D005
Waste Description:	Dura stripe B liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

RCRA Id :	ORD009047754
Inactive :	2006-12-07 00:00:00
Year :	2006
Status:	Large quantity generator
Manifest :	965667JJK
Ship Date :	09/18/2006
TSD :	KSD980633259
WS Num:	Not reported
Transporter :	UTD981552425
Ship Qty :	2250
Rpt Unit :	LB
Off Mng :	H050
EPA Waste Codes:	D001 D007 D008
Waste Description:	Dura stripe A liquid
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr:	Not reported

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110000487900
Plant name:	ENNIS PAINT INC
Plant address:	1675 COMMERCIAL ST NE SALEM, OR 97303
County:	MARION
Region code:	10
Dunn & Bradst #:	Not reported
Air quality cntrl region:	193
Sic code:	2851
Sic code desc:	PAINTS AND ALLIED PRODUCTS
North Am. industrial classf:	Not reported
NAIC code description:	Not reported
Default compliance status:	IN COMPLIANCE - CERTIFICATION
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

TMT-PATHWAY LLC (Continued) **1000362652**

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 0904
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1004
Air prog code hist file: 0

TMT-PATHWAY LLC (Continued) **1000362652**

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1202
Air prog code hist file: 0

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE
Plant air program pollutant: PARTICULATE MATTER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: SULFUR DIOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NESHAP
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NESHAP
Plant air program pollutant: TOTAL PARTICULATE MATTER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: CARBON MONOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

TMT-PATHWAY LLC (Continued) **1000362652**

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: TOTAL PARTICULATE MATTER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - CERTIFICATION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NESHAP
Plant air program pollutant: CARBON MONOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NESHAP
Plant air program pollutant: PARTICULATE MATTER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NESHAP
Plant air program pollutant: SULFUR DIOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: NESHAP
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

79 NE 1/4-1/2 0.326 mi. 1722 ft. | **WILLAMETTE VALLEY TRANSFER CO**
1995 COMMERCIAL ST NE
SALEM, OR 97303 | **LUST UST** | **U000434059 N/A**

Relative: Higher

Actual: 153 ft.

LUST:

Region:	Western Region
Facility ID:	24-94-4007
Cleanup Received Date:	01/28/1994
Cleanup Start Date:	01/27/1994
Cleanup Complete Date:	**03/25/1998**

UST:

Facility ID:	10225
Facility Telephone:	(503)362-3624
Permittee Name:	TERRY RADDATZ, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

Q80 SSE 1/4-1/2 0.327 mi. 1728 ft. | **UNION GOSPEL MISSION**
345 COMMERCIAL STREET NE
SALEM, OR 97301 | **LUST UST** | **U003188849 N/A**

Site 3 of 6 in cluster Q

Relative: Higher

Actual: 157 ft.

LUST:

Region:	Western Region
Facility ID:	24-94-4165
Cleanup Received Date:	11/29/1994
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	11743
Facility Telephone:	(503) 362-3983
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	Not reported
Number of Tanks:	3

R81 NE 1/4-1/2 0.328 mi. 1733 ft. | **HOME FUEL OIL CO**
1710 NE COMMERCIAL
SALEM, OR 97303 | **LUST UST** | **U000433986 N/A**

Site 4 of 4 in cluster R

Relative: Higher

Actual: 156 ft.

LUST:

Region:	Western Region
Facility ID:	24-92-4083
Cleanup Received Date:	05/19/1992
Cleanup Start Date:	06/05/1992
Cleanup Complete Date:	**01/19/2007**

HOME FUEL OIL CO (Continued) **U000433986**

UST:
Facility ID: 1434
Facility Telephone: (503)585-7000
Permittee Name: BERT KEPHART, MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 6
Number of Tanks: 6

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82 NE 1/4-1/2 0.329 mi. 1736 ft. | **HEATING OIL TANK** | **LUST** | **S100498382**
1830 COMMERCIAL ST NE | **HSIS** | **N/A**
SALEM, OR 97303

Relative: Higher

Actual: 155 ft.

LUST:
Region: Western Region
Facility ID: 24-91-4274
Cleanup Received Date: 09/13/1991
Cleanup Start Date: 09/13/1991
Cleanup Complete Date: Not reported

HSIS:
Facility Id: 035182
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: Not reported
NAICS Code 1: 423830
NAICS Desc 1: INDUSTRIAL MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS
NAICS Code 2: 811310
NAICS Desc 2: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAIN
Manager Name: JEFFREY J KAYL
Business Phone: 5035851911
Mailing Address: PO BOX 2545
Mailing City,St,Zip: EUGENE, OR 97402
No. of Employees: 2
Day Phone: 5035851911
Placard: Yes
Fire Dept Code: 0321
Sprinkler System: No
Emergency Contact: GABE RODRIGUEZ OR JEFF KAYL
Emergency Procedure: Not reported
Business Type: SALES & SVC INDUSTRIAL EQUIP

Facility:
Facility Id: 035182
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: D
Description: STEEL DRUM
Type Code: Not reported

HEATING OIL TANK (Continued) **S100498382**

Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	364
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742570
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	035182
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported

HEATING OIL TANK (Continued) **S100498382**

Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	364
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SOLVENT DEWAXED LGT PARAFFINIC PETROLEUM
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742650
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Q83 **FIRESTONE #66F3** **LUST** **U000433765**
SSE **295 COMMERCIAL AVE NE** **UST** **N/A**
1/4-1/2 **SALEM, OR 97301** **SPILLS**
0.337 mi. **HSIS**
1778 ft. **Site 4 of 6 in cluster Q**

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	24-97-4077
Cleanup Received Date:	05/16/1997
Cleanup Start Date:	05/14/1997
Cleanup Complete Date:	**08/09/2002**

UST:

Facility ID:	8073
Facility Telephone:	(503) 371-7255
Permittee Name:	PAT SMITH, STORE MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported

FIRESTONE #66F3 (Continued) **U000433765**

Decommissioned Tanks: 1
Number of Tanks: 1

OR SPILLS:
Year: Not reported
Facility ID: 06-2501
Spill Date: Not reported
Material: Motor, bearing, propeller and other lubrication oils
Quantity: 55
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 10/05/2006
Description: Carson oil was delivering motor oil through a hose when the hose broke. Spill of at least 55 gallons of motor oil to parking lot. No storm drains or waterways impacted.
Location: Not reported
Lat/Long: 44.9426 / -123.0394
Source: Motor Vehicle - Commercial
Material: Not reported
Media: On pavement/asphalt - not direct on soil
Responsible Company: Carson Oil
Responsible Contact: Eddy Maulding
Responsible Address: PO Box 728
Responsible City,St,Zip: Albany, OR 97321-0247
Responsible Country: LINN

HSIS:
Facility Id: 024209
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: BRIDGESTONE RETAIL OPSLLC
Facility Has Written Emergency Plan: Yes
Contains 112R: No
NAICS Code 1: 811111
NAICS Desc 1: GENERAL AUTOMOTIVE REPAIR
NAICS Code 2: 441310
NAICS Desc 2: AUTOMOTIVE PARTS AND ACCESSORIES STORES
Manager Name: LARRY MCGEE CEO-PRES
Business Phone: 5033717255
Mailing Address: BSRO 333 EAST LAKE STREET
Mailing City,St,Zip: BLOOMINGDALE, IL 60108
No. of Employees: 8
Day Phone: 5033717255
Placard: Yes
Fire Dept Code: 0321
Sprinkler System: No
Emergency Contact: CREDE ZACHARIAS (STORE MANAGER)
Emergency Procedure: MANAGER'S OFFICE
Business Type: RETAIL TIRE STORE & AUTOMOTIVE SERVICE CENTER

Facility:
Facility Id: 024209
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS

FIRESTONE #66F3 (Continued) **U000433765**

Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	024209
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1

FIRESTONE #66F3 (Continued) **U000433765**

Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	024209
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4

FIRESTONE #66F3 (Continued) **U000433765**

Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	No
Pesticide:	No
Contains 313:	Not reported

Facility Id:	024209
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	65
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

FIRESTONE #66F3 (Continued) **U000433765**

Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	2794
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	2794
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Yes
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Yes

Facility Id:	024209
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	01
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	5-9
Most Hazardous Ingridient:	1,1,1,2-TETRAFLUOROETHANE
United Nations/north America 4 Digit Class Number:	3159
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

FIRESTONE #66F3 (Continued) **U000433765**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	3159
Chemical Abstract Service Identifier Number:	811972
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

N84 **TRACHSEL BUICK/GMC** **LUST** **U000433758**
ESE **660 LIBERTY ST NE** **UST** **N/A**
1/4-1/2 **SALEM, OR 97301** **HSIS**
0.346 mi. **ECSI**
1826 ft. **Site 2 of 2 in cluster N**

Relative:
Higher

Actual:
154 ft.

LUST:

Region:	Western Region
Facility ID:	24-91-4328
Cleanup Received Date:	10/17/1991
Cleanup Start Date:	09/20/1993
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	9084
Facility Telephone:	(503) 371-0122
Permittee Name:	T T DELON, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

HSIS:

Facility Id:	087135
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	441110
NAICS Desc 1:	NEW CAR DEALERS

TRACHSEL BUICK/GMC (Continued) **U000433758**

NAICS Code 2:	811111
NAICS Desc 2:	GENERAL AUTOMOTIVE REPAIR
Manager Name:	LANCE DONOVAN
Business Phone:	5035811421
Mailing Address:	3787 RIVER RD N STE A
Mailing City,St,Zip:	SALEM, OR 97303
No. of Employees:	20
Day Phone:	5035811421
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	No
Emergency Contact:	ENGELL PELLUMBI
Emergency Procedure:	SERVICE OFFICE
Business Type:	AUTOMOBILE DEALERSHIP

Facility:

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	METHYL ALCOHOL
United Nations/north America 4 Digit Class Number:	1230
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1230
Chemical Abstract Service Identifier Number:	67561
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0

TRACHSEL BUICK/GMC (Continued) **U000433758**

Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: Yes	

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R: Not reported	

TRACHSEL BUICK/GMC (Continued) **U000433758**

Contains EHS: Not reported
Fertilizer: No
Pesticide: No
Contains 313: Not reported

Facility Id: 087135
Physical State Of The Substance: 3
Physical State: GAS
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: L
Description: CYLINDER
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 2
Pressure Description: GREATER THAN NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 50-199
Description Of The Avg Qnty Code: 50-199
Most Hazardous Ingridient: 1,1,1,2-TETRAFLUOROETHANE
United Nations/north America 4 Digit Class Number: 3159
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Non-flammable Gas
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 2.2
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 3159
Chemical Abstract Service Identifier Number: 811972
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Non-flammable Gas
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 2.2
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

TRACHSEL BUICK/GMC (Continued) **U000433758**

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	087135
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11

TRACHSEL BUICK/GMC (Continued) **U000433758**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

ECSI:

State ID Number:	1776	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	834	Further Action:	260
Lat/Long (dms):	44 56 46.70 / -123 2 7.10	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S

TRACHSEL BUICK/GMC (Continued) **U000433758**

Range Coord: 3.00
Range Zone: W
Section Coord: 22
Qtr Section: Not reported
Tax Lots: Not reported
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 03/03/2006

Hazardous Release:
Substance ID.: 121587
Haz Release ID: 380227
Qty Released: unknown
Date Released: Not reported
Update Date: 04/12/1995
Update By: Not reported
Substance Code: 67-64-1
Substance Name: ACETONE
Substance Abbrev.: Not reported
Substance Alias ID: 319114
Sub Alias Name: DIMETHYL KETONE
Substance Alias ID: 319115
Sub Alias Name: KETOPROPANE,beta-
Substance Alias ID: 319116
Sub Alias Name: PROPANONE,2-
Substance Alias ID: 319117
Sub Alias Name: PYROACETIC ETHER
Sampling Result ID: 343805
Feature Id: Not reported
Hazard Release Id: 380227
Medium: 703
Substance Abbrev.: Not reported
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/01/1991
End Date: Not reported
Min Concentration: .00
Max Concentration: 3.50
Sample Comment: Not reported
Last Update By: acv
Update Date: 12/04/1995

Narrative:
NARR ID: 5735484
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:VOCs detected in soils after removal of hydraulic hoist. (ACV, 1995)

NARR ID: 5735485
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:DEQ LUST file 24-91-4328

TRACHSEL BUICK/GMC (Continued) **U000433758**

NARR ID: 5735486
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: hydraulic oils and solvents

NARR ID: 5735487
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: From hoist system - past practice.

NARR ID: 5735488
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: soils

NARR ID: 5735489
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Direct contact and groundwater are the pathways of concern.

Administrative Action:

Admin ID:	714084	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1995	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	714199	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/26/1995	Complete Date:	12/04/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Federal Screening		

Admin ID:	714200	Action ID:	9498

TRACHSEL BUICK/GMC (Continued) **U000433758**

Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/04/1995	Complete Date:	12/04/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	714328	Action ID:	9496
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/05/1995	Complete Date:	12/05/1995
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Basic Preliminary Assessment recommended (PA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	702079	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/05/2001	Complete Date:	06/05/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	704394	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/05/2001	Complete Date:	06/05/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	133103
Operation Status:	Active
Common Name:	Car Dealer and repair
Yrs of Operation:	Not reported
Comments:	Not reported
Updated Date:	12/04/1995
Operations SIC Id:	196078
SIC Code:	7538
Created By:	Not reported
Created Date:	12/17/2002

S85 ESE 1/4-1/2 0.349 mi. 1843 ft. | **DELON AUTO CENTER**
745 LIBERTY ST NE
SALEM, OR 97301

Site 1 of 3 in cluster S

LUST AST HSIS | **S106426476 N/A**

Relative: Higher

Actual: 151 ft.

LUST:

Region:	Western Region
Facility ID:	24-94-4112
Cleanup Received Date:	08/02/1994
Cleanup Start Date:	08/01/1994
Cleanup Complete Date:	**07/23/2002**

AST:

Facility Id:	037509
Hazardous Substance:	USED MOTOR OIL
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK
Storage 2:	STEEL DRUM

HSIS:

Facility Id:	037509
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	No
NAICS Code 1:	441110
NAICS Desc 1:	NEW CAR DEALERS
NAICS Code 2:	811111
NAICS Desc 2:	GENERAL AUTOMOTIVE REPAIR
Manager Name:	LANCE DONOVAN
Business Phone:	5035811421
Mailing Address:	750 COMMERCIAL ST NE
Mailing City,St,Zip:	SALEM, OR 97301
No. of Employees:	19
Day Phone:	5035811421
Placard:	Not reported
Fire Dept Code:	0321
Sprinkler System:	Not reported
Emergency Contact:	ENGELL PELLUMBI
Emergency Procedure:	Not reported
Business Type:	AUTO SALES & SVC

Facility:

Facility Id:	037509
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	M
Temperature Description:	GLASS BOTTLE, JUG, BUCKET
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

DELON AUTO CENTER (Continued) **S106426476**

Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	No
Pesticide:	No
Contains 313:	Not reported

Facility Id:	037509
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

DELON AUTO CENTER (Continued) **S106426476**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	NITROGEN
United Nations/north America 4 Digit Class Number:	1066
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1066
Chemical Abstract Service Identifier Number:	7727379
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	037509
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199

DELON AUTO CENTER (Continued) **S106426476**

Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	037509
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	HIGHLY REFINED PETROLEUM OILS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard

DELON AUTO CENTER (Continued) **S106426476**

Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	037509
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	03
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

DELON AUTO CENTER (Continued) **S106426476**

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	805243
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

S86 **HEATING OIL TANK** **LUST** **S106475186**
ESE **730 LIBERTY ST NE** **N/A**
1/4-1/2 **SALEM, OR 97301**
0.350 mi.
1849 ft. **Site 2 of 3 in cluster S**

Relative:
Higher

Actual:
153 ft.

LUST:

Region:	Western Region
Facility ID:	24-04-1251
Cleanup Received Date:	06/29/2004
Cleanup Start Date:	07/06/2004
Cleanup Complete Date:	**Not reported**

P87 **SALEM MASONRY & SUPPLY CO** **LUST** **U000434031**
NE **325 PINE ST NE** **UST** **N/A**
1/4-1/2 **SALEM, OR 97303**
0.351 mi.
1852 ft. **Site 3 of 3 in cluster P**

Relative:
Higher

Actual:
149 ft.

LUST:

Region:	Western Region
Facility ID:	24-89-4214
Cleanup Received Date:	05/04/1989
Cleanup Start Date:	08/21/1991
Cleanup Complete Date:	**08/21/1991**

UST:

Facility ID:	1952
Facility Telephone:	(503)585-4545
Permittee Name:	JERRY YARBROUGH, MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

T88
SE
1/4-1/2
0.353 mi.
1864 ft.

FIRST BAPTIST CHURCH
395 MARION ST NE
SALEM, OR 97303

Site 1 of 3 in cluster T

LUST **S100498399**
N/A

Relative:
Higher

Actual:
158 ft.

LUST:

Region:	Western Region
Facility ID:	24-92-4165
Cleanup Received Date:	09/14/1992
Cleanup Start Date:	09/03/1992
Cleanup Complete Date:	**12/21/2010**

Q89
SSE
1/4-1/2
0.358 mi.
1891 ft.

200 COMMERCIAL ST SE
SALEM, OR 97301

Site 5 of 6 in cluster Q

LUST
OR HAZMAT
S105523391
N/A

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	24-03-1775
Cleanup Received Date:	08/25/2003
Cleanup Start Date:	08/25/2003
Cleanup Complete Date:	**11/04/2003**

HAZMAT:

Responsble Party:	Not reported
RP Company:	EXECUTIVE INN
RP Address:	200 COMMERCIAL ST SE
RP City,St,Zip:	SALEM 97301
Facility ID:	880251
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported

(Continued) **S105523391**

Agency Phone:	5035886245
Osfm Incident Report Number:	880251
Dept. Responding:	SALEM FD
Person Making Report:	GARY BOSAK
Title:	CAPT
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	02/27/1988
Call Time:	12:00:00 AM
In Route:	12:00:00 AM
Arrival:	6:48:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	6:57:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	80 1932
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Commercial
Responsible Party(Ies):	Not reported
Company:	EXECUTIVE INN
Respcontact:	Not reported
Address:	200 COMMERCIAL ST SE
Resp City:	SALEM
Resp State:	Not reported
Resp ZipCode:	97301
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	In Route
Cause:	Container Rupture
Vehicle And Cargo:	50
Fixed Property:	0
Total Loss:	$50.00

Chemical:

Chemical Info:	1891
Chemical Id:	13288
Incident Id:	880251
Chemical Name:	GASOLINE
UNNA:	Not reported
Amount At Risk:	5
Amount Released:	1
Amount Measured:	2
Biological:	False
Radiological:	False
Chemical Id:	13288

(Continued) **S105523391**

Chemical Name: GASOLINE
Hazardous Ingredient: PETROLEUM DISTILLATES
Hazardous Class 1: 3.1
Hazardous Class 2: 6.3
Hazardous Rank: 2
Case Number: 8006619
UNNA Number: 1203
EPA Pest Reg: Not reported
EHA Chem: N
PSM Chem: N
CAA 112R Chem: N

Method:
Method Used Id: 4194
Incident Id: 880251
Identity Method: 5

Released:
Release Behavior Id: 5577
Incident Id: 880251
Behavior: 5

Narrative:
Narrative Id: 2294
Incident Id: 880251
Incident Narrative: MOTORCYCLE TIPPED OVER IN PARKING LOT OF EXECUTIVE INN CAUSING RUPTURE AND LEAK FROM VEHICLE'S FUEL TANK. ABSORBANT PADS USED TO CAPTURE MOST OF THE FUEL ON THE PAVEMENT AND THE REMAINDER WASHED DOWN WITH WATER INTO THE SANITARY SEWER SYSTEM. NO POLLUT
Incident Date: 2/27/1988

Responsble Party: Not reported
RP Company: IVY HI-LIFT CORP
RP Address: 1860 22ND ST SE
RP City,St,Zip: SALEM, OR 97302
Facility ID: 900415
OERS Number: Not reported
Dept Rsp: SALEM FD
Narrative: Not reported
Property Loss: Not reported
Amount Released: Not reported
Service County: Not reported
Service Name: Not reported
Incident Type: Not reported
Civilian Casualty Activity: Not reported
Chemical Name: Not reported
Hazmat Area Affected: Not reported
Hazmat Area Evacuated: Not reported
Hazmat Container Type: Not reported
Hazmat Physical State Released: Not reported
Hazmat Released Into: Not reported
Hazmat Released Volume Units: Not reported
Hazmat Released Weight Units: Not reported
Hazmat Released From: Not reported
Hazmat Area Affected Measurement: Not reported

(Continued) **S105523391**

Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	0005886245
Osfm Incident Report Number:	900415
Dept. Responding:	SALEM FD
Person Making Report:	LARRY DEAN
Title:	FF/EMT
Agency:	SALEM FD
Phone:	0005886245
Date Of Incident:	09/24/1990
Call Time:	8:40:00 AM
In Route:	12:00:00 AM
Arrival:	8:42:00 AM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	9:25:00 AM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	9699
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Public Road
Area Type:	Commercial
Responsible Party(Ies):	Not reported
Company:	IVY HI-LIFT CORP
Respcontact:	Not reported
Address:	1860 22ND ST SE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97302
Phone:	0003999568
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Motor Vehicle Accident
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	607
Chemical Id:	2771
Incident Id:	900415
Chemical Name:	ANTIFREEZE

(Continued) **S105523391**

UNNA: Not reported
Amount At Risk: 4
Amount Released: 4
Amount Measured: 2
Biological: False
Radiological: False

Chemical Id: 2771
Chemical Name: ANTIFREEZE
Hazardous Ingredient: ETHYLENE GLYCOL
Hazardous Class 1: 6.3
Hazardous Class 2: Not reported
Hazardous Rank: 2
Case Number: 107211
UNNA Number: 3082
EPA Pest Reg: Not reported
EHA Chem: N
PSM Chem: N
CAA 112R Chem: N

Method:
Method Used Id: 1402
Incident Id: 900415
Identity Method: 6

Released:
Release Behavior Id: 5760
Incident Id: 900415
Behavior: 5

Narrative:
Narrative Id: 3086
Incident Id: 900415
Incident Narrative: FIRE/POLICE UNITS DISPATCHED TO MVA. RADIATOR AT IVY HI-LIFT CORP. RUPTURED SPILLING ANTIFREEZE ONTO ROAD AND INTO STORM DRAIN. CITY USED ABSORBANT PADS TO CONTAIN BULK OF RESIDUE. EMS ACTIVITIES RELATED TO MVA ONLY.
Incident Date: 9/24/1990

T90 **UNOCAL 4498** **LUST** **U004015403**
SE **405 MARION** **UST** **N/A**
1/4-1/2 **SALEM, OR 97301**
0.360 mi.
1900 ft. **Site 2 of 3 in cluster T**

Relative:
Higher

Actual:
158 ft.

LUST:
Region: Western Region
Facility ID: 24-84-4001
Cleanup Received Date: 04/23/1984
Cleanup Start Date: 04/23/1984
Cleanup Complete Date: 04/25/1984

UST:
Facility ID: 991
Facility Telephone: (503)364-1701

UNOCAL 4498 (Continued) **U004015403**

Permittee Name: CHARLES BATES, DEALER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 3
Number of Tanks: 3

U91
ENE
1/4-1/2
0.360 mi.
1903 ft.

HEATING OIL TANK
1425 LIBERTY STREET SE
SALEM, OR 97301

Site 1 of 2 in cluster U

LUST **S103839559**
N/A

Relative:
Higher

Actual:
154 ft.

LUST:
Region: Western Region
Facility ID: 24-94-4088
Cleanup Received Date: 07/08/1994
Cleanup Start Date: 07/13/1994
Cleanup Complete Date: Not reported

O92
SW
1/4-1/2
0.363 mi.
1919 ft.

845 BASSETT NW
SALEM, OR 97304

Site 2 of 3 in cluster O

SPILLS
OR HAZMAT
VCP
ECSI

S105523306
N/A

Relative:
Higher

Actual:
146 ft.

OR SPILLS:
Year: Not reported
Facility ID: 93-1175
Spill Date: 12/30/1994
Material: WHITE KEROSENE
Quantity: 1000
Unit of Measure: Not reported
How Occurred: BULK CARRIER TRUCK OVERTURNED/BURND
Release Date: / /
Description: Not reported
Location: Not reported
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: ESTACADA OIL CO.
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

HAZMAT:
Responsble Party: TOM SODEMAN
RP Company: AGRIPAC INC
RP Address: 325 PATTERSON ST NW
RP City,St,Zip: SALEM, OR 97304
Facility ID: 890458
OERS Number: Not reported
Dept Rsp: SALEM FD
Narrative: Not reported
Property Loss: Not reported

(Continued) **S105523306**

Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/23/1991
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	890458
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FM
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	09/18/1989
Call Time:	2:00:00 PM
In Route:	12:00:00 AM
Arrival:	2:04:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	5:48:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	True
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	909124
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Industrial
Responsible Party(Ies):	TOM SODEMAN
Company:	AGRIPAC INC
Respcontact:	Not reported
Address:	325 PATTERSON ST NW
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97304
Phone:	Not reported
Resp Phone2:	Not reported

(Continued) **S105523306**

Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	5646
Chemical Id:	35430
Incident Id:	890458
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Method:

Method Used Id:	4348
Incident Id:	890458
Identity Method:	5

Released:

Release Behavior Id:	1043
Incident Id:	890458
Behavior:	1

Release Behavior Id:	3678
Incident Id:	890458
Behavior:	4

Narrative:

Narrative Id:	2732
Incident Id:	890458
Incident Narrative:	FAILURE OF AMMONIA REFRIGERATION CONTROL VALVE/LINE ASSEMBLY. UNKNOWN HOW MUCH ESCAPED INTO ATMOSPHERE. PLANT PERSONNEL DISCOVERED, REPORTED, CONTAINED AND CONTROLLED. SALEM FIRE & POLLUTION CONTROL

(Continued) **S105523306**

ASSISTED WITH REMOVAL AND STOOD BY DURING REPAIR. AGRI PAC..EMPLOYEES ADVISING IT AT THIS TIME..IS NOT LEAKING INTO THE BUILDING..THEY ARE ADVISING THEY HAVE IT UNDER CONTROL AND ALMOST HAVE IT CONTAINED AT THIS TIME..THEY DIDN'T WANT A FULL HAZMAT RESPONSE..

Incident Date: 9/18/1989

VCS:

ECS Site ID:	4699
CRL:	NFA
Facility Size:	6.56 acres
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	12/08/2008
End Date:	12/08/2008
Project Manager Name:	Katie Robertson
Program:	ICP

ECSI:

State ID Number:	4699	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	831	Investigation:	No Further Action
FACA ID:	1205	Further Action:	0
Lat/Long (dms):	44 56 41.60 / -123 3 18.40	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1200	Size:	6.56 acres
NPL:	False	Orphan:	False
Updated By:	KROBERT	Update Date:	12/15/2008
Alias Name:	Chiquita Processed Foods		
Alias Name:	Truitt Bros.		

Hazardous Release:

Substance ID.:	121781
Haz Release ID:	387704
Qty Released:	unk
Date Released:	unk
Update Date:	02/23/2011
Update By:	GWISTAR
Substance Code:	79-01-6
Substance Name:	TRICHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8523
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8545
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8523
Substance Category:	Volatiles
Category Level:	Not reported

(Continued) **S105523306**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

Narrative:
NARR ID: 5748596
NARR Code: Data Sources
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: MENGLIS
Updated Date: 09/05/2006
NARR Comments: Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, December 2003 Additional Soil and Groundwater Assessment 845 Bassett Street NW Salem, Oregon, PBS Engineering & Environmental, February 2004

NARR ID: 5748593
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 01/12/2007
NARR Comments: Groundwater: 1,1,1-trichloroethane, 1,1-dichloroethane, chloroform, cis-1,2-dichloroethene, dichlorofluoromethane, perchloroethene, trichloroethene.

NARR ID: 5748594
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 04/02/2009
NARR Comments: (8/30/06 GB/VCP) More data is needed on-site to determine the source of TCE detected in a groundwater boring on the edge of the property. The site is across the street from a residential area. (9/17/07 KJR/VCP) ICP letter agreement received.
(10/22/08 KJR/VCP) Multiple site investigations have been performe d at the site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.
Based on the groundwater data the highest concentrations of TCE we re detected in borings B-4 (51 ug/l) and MW-3 (64 ug/l). B-4 is near the former vehicle maintenance and machine shop in Building 6, and

(Continued) **S105523306**

MW-3 is near the northern corner of the former vegetable preparation building. These data points suggest there could be an as yet unidentified source of TCE on the site. Regionally, groundwater would be expected to flow towards the Willamette River, or to the south-southeast. However, given the lack of groundwater flow data at the site, it is not possible to further define the source of the TCE contamination detected in
groundwater.
Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.
Analytical data was compared to generic risk based concentrations (RBCs) listed in DEQ?s RBDM guidance. Detected concentrations of various compounds in soil samples were all less than their most stringent residential generic RBCs for all pathways. Detected concentrations of various compounds in groundwater samples did not exceed their respective generic RBCs for any relevant receptor or pathway.
The site has been proposed for risk-based closure following a 30 d ay public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific
CSM.
Copy of SI reports and DEQ's Proposed NFA Decision Document are av ailible in the site document section of this database. Public comment period ends
12/1/08.
(12/15/08 KJR/VCP) No comments received. NFA letter issued 12/8/08 , a copy of which is available for viewing in the site document section of this database.

NARR ID: 5750935
NARR Code: Water Use (Current/Reasonably Likely)
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 10/22/2008
NARR Comments: A water beneficial use survey was completed for the Site and surrounding area. Beneficial use of groundwater at the Site or immediate vicinity was not identified. A well survey was completed for the site extending for a +-mile radius. Two water wells were identified over 600 feet southwest of the site. One is not used and the other reportedly is used but no other information on the type of use was given by the property owner.

NARR ID: 5750934
NARR Code: Site History
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT

(Continued) **S105523306**

Updated Date: 10/22/2008
NARR Comments: The site was developed as a food processing facility in the early 1930s. The site had various configurations through 1963 by which most of the current buildings were in place. A wastewater pond was located on the site from about 1963 through about 1990 at which time the pond was filled and paved over with asphalt. A vegetable processing area was located in the southern portion of the Site. The buildings associated with the vegetable processing area along with a drive through scale and scale house were removed by 2004.
Currently the Site consists of three large warehouses; No. 5, No. 6, and No. 7. Warehouse No. 5 and No. 7 are used to store dry goods. Warehouse No. 5 also contains can labeling equipment. Warehouse No. 6 is used to store canned foods. A small machine shop and vehicle maintenance area was located in Warehouse No. 6 until about 1999.

NARR ID: 5750936
NARR Code: 1922
Created By: KROBERT
Created Date: 10/22/2008
Updated By: KROBERT
Updated Date: 12/15/2008
NARR Comments: [Dec. 2008] Multiple site investigations have been performed at the site to define the extent and source of PCE, TCE, 1,1,1-trichloroethane, 1,1-dicloroethene, and cis-1,2-dichloroethene in groundwater.
Based on available data it does not appear that TCE contamination in groundwater extends offsite above DEQ risk-based screening levels for vapor intrusion into buildings. Based on the expected regional groundwater flow direction of south to south-east, towards the Willamette River, TCE contamination detected in groundwater at and near the site is unlikely to impact the two water wells identified to the southwest of the site. Additionally, TCE detected in groundwater at the site is not expected to reach the Willamette River at concentrations that would represent a risk to human health or the environment.
The site was been proposed for a risk-based closure following a 30 day public comment period. All of the potential exposure concerns have been addressed though their elimination during development of the site-specific
CSM.
No Further Action letter issued on 12/8/08. Copy of SI reports, s taff report, and NFA are availible in the site document section of this database.

Administrative Action:

Admin ID:	735856	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	10/22/2008
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	10/22/2008
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	735954	Action ID:	9443

(Continued) **S105523306**

Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	12/08/2008	Complete Date:	12/08/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	12/15/2008
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	732800	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	09/05/2006	Complete Date:	09/05/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/05/2006
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	734165	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/05/2006	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MCLAIR	Created Date:	07/13/2007
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	Signed ITP received, site placed on ICP/VCP Waiting List.		

Admin ID:	734381	Action ID:	9440
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	09/17/2007
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	LTAG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Letter Agreement		
Further Action:	0		
Comments:	Not reported		

Admin ID:	734382	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	09/17/2007	Complete Date:	12/15/2008
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2076	Cleanup Flag:	False
Created By:	KROBERT	Created Date:	09/17/2007
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		

(Continued) **S105523306**

Comments: Not reported

O93
SW
1/4-1/2
0.365 mi.
1929 ft.

TRUITT BROS
556 MURLARK AVE. NW
SALEM, OR 97304

AST **S110072128**
SPILLS **N/A**
HSIS
ECSI

Site 3 of 3 in cluster O

Relative:
Higher

Actual:
146 ft.

AST:
Facility Id: 003794
Hazardous Substance: AMMONIA ANHYDROUS
Reporting Quantities: 500-999
Quantity Units: GALLONS
Physical State: GAS
Storage 1: ABOVEGROUND TANK

OR SPILLS:
Year: Not reported
Facility ID: 09-2618
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 11/13/2009
Description: Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: On pavement/asphalt - not direct on soil
Responsible Company: Truitt Bros., Inc.
Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

Year: Not reported
Facility ID: 09-2618
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 11/13/2009
Description: Truitt Bros. release of 1 gallon diesel to the ground impacting Wallace Marine Park. The spill entered the storm drain impacting an unnamed creek. Booms have been applied to all drains. City of Salem is on-scene with two responders and a vac truck.
Location: Not reported
Lat/Long: 44.9465 / -123.0531
Source: Motor Vehicle - Commercial
Material: Not reported
Media: Not reported

TRUITT BROS (Continued) **S110072128**

Responsible Company: Truitt Bros., Inc.
Responsible Contact: Nicholas Ball
Responsible Address: PO Box 309
Responsible City,St,Zip: Salem, OR 97308-0309
Responsible Country: MARION

HSIS:

Facility Id:	003794
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
Department Or Division Of Company:	SPECIAL PRODUCTS DIVISION
Facility Has Written Emergency Plan:	Yes
Contains 112R:	Not reported
NAICS Code 1:	311991
NAICS Desc 1:	PERISHABLE PREPARED FOOD MANUFACTURING
NAICS Code 2:	493120
NAICS Desc 2:	REFRIGERATED WAREHOUSING AND STORAGE
Manager Name:	DAVID TRUITT
Business Phone:	5033623674
Mailing Address:	PO BOX 309
Mailing City,St,Zip:	SALEM, OR 97308
No. of Employees:	200
Day Phone:	5033623674
Placard:	No
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	LYNN PETERSON
Emergency Procedure:	MAINT OFFICE
Business Type:	REFRIGERATED FROZEN & DRY WHSING & STRG-FOOD PROCESSING

Facility:

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

TRUITT BROS (Continued) **S110072128**

First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	7681529
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	1677-144
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	Yes
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HYPOCHLORITE
United Nations/north America 4 Digit Class Number:	1791
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0

TRUITT BROS (Continued) **S110072128**

Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1791
Chemical Abstract Service Identifier Number: 7681529
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Corrosive Material
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 8.0
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

Facility Id: 003794
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: E
Description: PLASTIC OR NON-METALLIC DRUM
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 1
Pressure Description: NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 50-199
Description Of The Avg Qnty Code: 50-199
Most Hazardous Ingridient: METAPHOSPHORIC ACID, HEXASODIUM SALT
United Nations/north America 4 Digit Class Number: 0000
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 0000
Chemical Abstract Service Identifier Number: 10124568

TRUITT BROS (Continued) **S110072128**

Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	003794
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	LUBRICANT BASE OIL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5

TRUITT BROS (Continued) **S110072128**

Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: No	

Facility Id:	003794
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	30
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM SULFITE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7757837
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	

TRUITT BROS (Continued) **S110072128**

Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

ECSI:

State ID Number:	5638	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	989	Further Action:	260
Lat/Long (dms):	44 56 47.40 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/07/2011
Alias Name:	Agripac		

Narrative:

NARR ID: 5753473
NARR Code: Contamination
Created By: SSADOFS
Created Date: 08/05/2011
Updated By: SSADOFS
Updated Date: 08/05/2011
NARR Comments: A citizen complaint and subsequent inspection by DEQ's HW program documented oil leaking from underground coils at the facility.

Administrative Action:

Admin ID:	739184	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	08/05/2011	Complete Date:	08/05/2011
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	739185	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/05/2011	Complete Date:	08/05/2011
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	08/05/2011
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Low		
Comments:	Not reported		

T94 SE 1/4-1/2 0.367 mi. 1936 ft. | **LAKE POINT PROPERTIES, LLC**
394 CENTER ST. NE
SALEM, OR 97301

LUST **S106776992**
ECSI **N/A**

Site 3 of 3 in cluster T

Relative: Higher

Actual: 159 ft.

LUST:

Region:	Western Region
Facility ID:	24-04-2104
Cleanup Received Date:	10/08/2004
Cleanup Start Date:	10/07/2004
Cleanup Complete Date:	**03/31/2006**

ECSI:

State ID Number:	4348	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	87608	Further Action:	0
Lat/Long (dms):	44 56 35.90 / -123 2 13.90	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/20/2008
Alias Name:	Center & Liberty Property		

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	386468
Qty Released:	Not reported
Date Released:	10/7/04
Update Date:	03/08/2005
Update By:	MENGLIS
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 348080
Feature Id: 0
Hazard Release Id: 386468
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 6.23
Sample Comment: ND - 12.6 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121781
Haz Release ID: 386469
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 348081
Feature Id: 0
Hazard Release Id: 386469
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2.22
Sample Comment: ND - 2.22 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120825
Haz Release ID: 386470
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 104-51-8
Substance Name: BUTYLBENZENE,n-
Substance Abbrev.: Not reported
Substance Alias ID: 316239
Sub Alias Name: BENZENE,BUTYL-
Substance Alias ID: 316240
Sub Alias Name: PHENYLBUTANE,1-
Sampling Result ID: 348082
Feature Id: 0
Hazard Release Id: 386470
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Max Concentration: 2740.00
Sample Comment: ND - 2740 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121069
Haz Release ID: 386471
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 135-98-8
Substance Name: BUTYLBENZENE,sec-
Substance Abbrev.: Not reported
Substance Alias ID: 317057
Sub Alias Name: BENZENE,sec-BUTYL-
Substance Alias ID: 317058
Sub Alias Name: METHYLPROPYL)BENZENE,(1-
Substance Alias ID: 317059
Sub Alias Name: PHENYLBUTANE,2-
Sampling Result ID: 348083
Feature Id: 0
Hazard Release Id: 386471
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1430.00
Sample Comment: ND - 1430 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120781
Haz Release ID: 386472
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 100-41-4
Substance Name: ETHYLBENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Substance Alias ID: 316146
Sub Alias Name: ETHYLBENZOL
Substance Alias ID: 316147
Sub Alias Name: PHENYLETHANE
Sampling Result ID: 348084
Feature Id: 0
Hazard Release Id: 386472
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1050.00
Sample Comment: ND - 1050 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121868
Haz Release ID: 386473
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 91-20-3
Substance Name: NAPHTHALENE
Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS
Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR
Sampling Result ID: 348086
Feature Id: 0
Hazard Release Id: 386473
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2920.00
Sample Comment: ND - 2920 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120819
Haz Release ID: 386474
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 103-65-1
Substance Name: PROPYLBENZENE,n-
Substance Abbrev.: Not reported
Substance Alias ID: 316223
Sub Alias Name: BENZENE,PROPYL-
Substance Alias ID: 316224
Sub Alias Name: ISOCUMENE
Substance Alias ID: 316225
Sub Alias Name: PHENYLPROPANE,1-
Sampling Result ID: 348087
Feature Id: 0
Hazard Release Id: 386474
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2280.00
Sample Comment: ND - 2280 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120883
Haz Release ID: 386475
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 108-88-3
Substance Name: TOLUENE
Substance Abbrev.: Not reported
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8520
Substance Category: Volatiles

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316466
Sub Alias Name: BENZENE,METHYL-
Substance Alias ID: 316467
Sub Alias Name: METHACIDE
Substance Alias ID: 316468
Sub Alias Name: METHYLBENZENE
Substance Alias ID: 316469
Sub Alias Name: METHYLBENZOL
Substance Alias ID: 316470
Sub Alias Name: PHENYLMETHANE
Substance Alias ID: 316471
Sub Alias Name: TOLUOL
Sampling Result ID: 348088
Feature Id: 0
Hazard Release Id: 386475
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 115.00
Sample Comment: ND - 115 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121912
Haz Release ID: 386476
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 95-63-6
Substance Name: TRIMETHYLBENZENE,1,2,4-
Substance Abbrev.: Not reported
Substance Alias ID: 317959
Sub Alias Name: BENZENE,1,2,5-TRIMETHYL-
Substance Alias ID: 317960
Sub Alias Name: CUMENE,psi-
Substance Alias ID: 317961
Sub Alias Name: PSEUDOCUMENE
Substance Alias ID: 317962
Sub Alias Name: PSEUDOCUMOL
Substance Alias ID: 317963
Sub Alias Name: TRIMETHYLBENZENE,asym-
Sampling Result ID: 348089
Feature Id: 0
Hazard Release Id: 386476
Medium: 698
Substance Abbrev.: 0

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 19500.00
Sample Comment: ND - 19,500 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121956
Haz Release ID: 386477
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 99-87-6
Substance Name: ISOPROPYLTOLUENE,p-
Substance Abbrev.: Not reported
Substance Alias ID: 318126
Sub Alias Name: BENZENE,1-ISOPROPYL-4-METHYL-
Substance Alias ID: 318127
Sub Alias Name: CUMENE,p-METHYL-
Substance Alias ID: 318128
Sub Alias Name: CYMENE
Substance Alias ID: 318129
Sub Alias Name: CYMENE,p-
Substance Alias ID: 318130
Sub Alias Name: CYMOL
Substance Alias ID: 318131
Sub Alias Name: DOLCYMENE
Substance Alias ID: 318132
Sub Alias Name: ISOPROPYL-1-METHYLBENZENE,4-
Substance Alias ID: 318133
Sub Alias Name: PARACYMENE
Sampling Result ID: 348085
Feature Id: 0
Hazard Release Id: 386477
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1500.00
Sample Comment: ND - 1500 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121904

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Haz Release ID: 386478
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 95-47-6
Substance Name: XYLENE,o-
Substance Abbrev.: Not reported
Substance Alias ID: 317929
Sub Alias Name: DIMETHYLBENZENE,1,2-
Substance Alias ID: 317930
Sub Alias Name: XYLOL,o-
Sampling Result ID: 348091
Feature Id: 0
Hazard Release Id: 386478
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 494.00
Sample Comment: ND - 494 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121051
Haz Release ID: 386479
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 1330-20-7
Substance Name: XYLENEs
Substance Abbrev.: Not reported
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317017
Sub Alias Name: DIMETHYLBENZENEs
Substance Alias ID: 317018
Sub Alias Name: XYLOLs
Sampling Result ID: 348092
Feature Id: 0
Hazard Release Id: 386479
Medium: 698

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 5310.00
Sample Comment: ND - 5310 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121608
Haz Release ID: 386480
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 71-43-2
Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL
Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE
Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Sampling Result ID: 348093
Feature Id: 0
Hazard Release Id: 386480
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 18.00

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Sample Comment: ND - 18 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121689
Haz Release ID: 386481
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 75-00-3
Substance Name: CHLOROETHANE
Substance Abbrev.: Not reported
Substance Alias ID: 319316
Sub Alias Name: CHLORETHYL
Substance Alias ID: 319317
Sub Alias Name: CHLORIDUM
Substance Alias ID: 319318
Sub Alias Name: CHLORYL
Substance Alias ID: 319319
Sub Alias Name: ETHER HYDROCHLORIC
Substance Alias ID: 319320
Sub Alias Name: ETHER MURIATIC
Substance Alias ID: 319321
Sub Alias Name: ETHYL CHLORIDE
Substance Alias ID: 319322
Sub Alias Name: HYDROCHLORIC ETHER
Substance Alias ID: 319323
Sub Alias Name: MONOCHLOROETHANE
Substance Alias ID: 319324
Sub Alias Name: MURIATIC ETHER
Sampling Result ID: 348094
Feature Id: 0
Hazard Release Id: 386481
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 1.06
Sample Comment: ND - 1.06 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121124
Haz Release ID: 386482
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 156-59-2
Substance Name: DICHLOROETHYLENE,1,2-CIS-

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Substance Abbrev.: Not reported
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317200
Sub Alias Name: ACETYLENE DICHLORIDE,CIS-
Substance Alias ID: 317201
Sub Alias Name: DICHLOROETHENE,CIS-
Substance Alias ID: 317202
Sub Alias Name: DICHLOROETHYLENE,CIS-
Substance Alias ID: 317203
Sub Alias Name: DICHLOROETHENE,1,2-CIS-
Sampling Result ID: 348095
Feature Id: 0
Hazard Release Id: 386482
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 4.99
Sample Comment: ND - 4.99 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 121588
Haz Release ID: 386483
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 67-66-3
Substance Name: CHLOROFORM
Substance Abbrev.: Not reported
Substance Category ID: 8510
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8510
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319118

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Sub Alias Name: METHANE,TRICHLORO-
Substance Alias ID: 319119
Sub Alias Name: TRICHLOROFORM
Substance Alias ID: 319120
Sub Alias Name: TRICHLOROMETHANE
Sampling Result ID: 348096
Feature Id: 0
Hazard Release Id: 386483
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 4.91
Sample Comment: ND - 4.91 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

Substance ID.: 120878
Haz Release ID: 386484
Qty Released: Not reported
Date Released: 10/7/04
Update Date: 03/08/2005
Update By: MENGLIS
Substance Code: 108-67-8
Substance Name: TRIMETHYLBENZENE,1,3,5-
Substance Abbrev.: Not reported
Substance Alias ID: 316454
Sub Alias Name: BENZENE,1,3,5-TRIMETHYL-
Substance Alias ID: 316455
Sub Alias Name: MESITYLENE
Substance Alias ID: 316456
Sub Alias Name: TRIMENTHYLBENZENE,sym-
Substance Alias ID: 316457
Sub Alias Name: TRIMETHYLBENZOL
Sampling Result ID: 348090
Feature Id: 0
Hazard Release Id: 386484
Medium: 698
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/07/2004
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 5540.00
Sample Comment: ND - 5540 ug/L
Last Update By: MENGLIS
Update Date: 03/08/2005

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Narrative:

NARR ID: 5746390
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 03/08/2005
Updated By: NGRAMLI
Updated Date: 07/06/2005
NARR Comments: Petroleum, trichloroethylene, perchloroethylene

NARR ID: 5746389
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 03/08/2005
Updated By: NSAWKA
Updated Date: 03/15/2006
NARR Comments: (3/8/05 MME/SAS) Site was referred to site assessment from UST section of DEQ (log #24-04-2104) after dry cleaning solvents were encountered in groundwater.
(4/12/05 GB/ICP) ICP Intent to Participate received 4/11/05. Site has been placed on the ICP waiting list.
(7/6/05 NG) Site taken off ICP waiting list. Chlorinated solvents are being assessed concurrently under LUST agreement (log #24-04-2104).
(3/15/06 NS) A final report submitted to the LUST program in January 2006. Based on the results of the report (no petroleum or chlorinated solvent contamination found in the soil or groundwater above applicable RBCs), the site was closed and a conditional (no onsite groundwater uses allowed) NFA issued. Refer to the LUST files for details on the site investigation, closure and NFA (USTC #24-04-2104).

Administrative Action:

Admin ID:	729972	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	03/08/2005	Complete Date:	03/08/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	03/08/2005
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	729973	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/08/2005	Complete Date:	03/08/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	632	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	03/08/2005
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	High		
Comments:	Not reported		

LAKE POINT PROPERTIES, LLC (Continued) **S106776992**

Admin ID:	730142	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/12/2005	Complete Date:	07/06/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	04/12/2005
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	ICP waiting list		

Admin ID:	730590	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/06/2005	Complete Date:	07/06/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2389	Cleanup Flag:	False
Created By:	NGRAMLI	Created Date:	07/06/2005
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to LUST Program		
Further Action:	0		
Comments:	Chlorinated VOCs investigated under LUST (log #24-04-2104).		

Admin ID:	732488	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/05/2006	Complete Date:	04/05/2006
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	644	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	06/20/2006
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Based on closure of LUST #24-04-2104		

Q95 **HEATING OIL TANK** **LUST** **S111429698**
SSE **310 COURT ST NE** **N/A**
1/4-1/2 **SALEM, OR 97301**
0.368 mi.
1945 ft. **Site 6 of 6 in cluster Q**

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	24-09-1089
Cleanup Received Date:	10/26/2009
Cleanup Start Date:	01/01/2010
Cleanup Complete Date:	**10/12/2011**

V96 ESE 1/4-1/2 0.374 mi. 1975 ft. | **HEATING OIL TANK**
695 HIGH STREET
SALEM, OR 97302 | **LUST** | **S102590288**
N/A

Site 1 of 4 in cluster V

Relative: Higher

Actual: 155 ft.

LUST:

Region:	Western Region
Facility ID:	24-97-4057
Cleanup Received Date:	04/02/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

W97 SW 1/4-1/2 0.387 mi. 2044 ft. | **CHROME SHOP - EDGEWATER ST. (FORMER)**
940 EDGEWATER ST. NW
SALEM, OR 97304 | **ECSI** | **S106236646**
N/A

Site 1 of 5 in cluster W

Relative: Higher

Actual: 145 ft.

ECSI:

State ID Number:	3186	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	37891	Further Action:	258
Lat/Long (dms):	44 56 34.10 / -123 3 11.20	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	001002337
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	10/24/2008

Narrative:

NARR ID: 5741817
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments: (5/29/02 BTM/SAS) A September 11, 2000 waste sampling inspection of the site by DEQ?s Hazardous Waste Program, the City of Salem, and EPA Criminal Investigation Division identified sludges and solutions of plating wastes, with metals and cyanide as constituents of concern, in abandoned drums within the building. A subsequent conversation with the City of Salem regarding the history and housekeeping of the facility indicated that significant fluid leakage had occurred inside of the facility, and that during dismantling and removal of plating baths and equipment, it was apparent that floor-level holes had been broken through the back wall. There is concern that floor wash-water was directed toward the holes. The facility has operated since the 1970s.

NARR ID: 5748187
NARR Code: Data Sources
Created By: MCAMARA
Created Date: 06/05/2006
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments: Preliminary Assessment Former Chrome Shop prepared by DEQ for EPA,

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

dated May 29,
2002.
Former Chrome Shop, Draft Site Investigation Report, prepared by W
eston Solutions, Inc. for EPA, dated December 30, 2005.

NARR ID: 5741818
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 04/18/2003
NARR Comments:(5/29/02 BTM/SAS) GROUNDWATER: This area is currently served by City of Salem water lines, so it is possible that few or none of the domestic wells registered in the site vicinity are used for domestic supply. In addition, it is likely that groundwater flows from the site towards the adjacent Willamette River, so that any contamination from this site would not affect nearby wells anyway. The city obtains its water from an upgradient source in the Santiam River watershed.
SURFACE WATER: Considering subsurface materials at the site, there is potential for subsurface contamination entering surface water via groundwater-to-surface water discharge or from runoff of groundwater seeps on the embankment of the river. Although storm runoff from the property could also reach the river via the storm drain system, subsurface contamination is the more significant source of potential impact to the river (via groundwater discharge to the river).
SOIL: There is potential for exposure via direct contact and inhal
ation during any excavation work, and potential for exposure by inhalation of, or direct contact with, dusts or residues for indoor uses of the building.

NARR ID: 5743396
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 04/18/2003
Updated By: MCAMARA
Updated Date: 06/05/2006
NARR Comments:(5/29/02 BTM/SAS) Contaminants associated with the site include cyanide, and metals including but not limited to cadmium, chromium, and lead. Indications of on-site hazardous substance releases include information on poor housekeeping during the facility?s operation, and the significantly cracked concrete floor in the process area. Human health risks associated with the site include potential for inhalation and direct-contact exposures to workers involved with any excavation and/or renovation work at the site, and to future tenants or site workers. The potential for groundwater-to-surface water discharges to the Willamette River poses human health and ecological risks.
Testing of the interior of the building should be done to determin
e the direct contact and inhalation risks. Subsurface conditions such as groundwater quality, soil conditions, and site hydrogeology also need to be verified or evaluated in more detail. An EPA Site Inspection (SI) is recommended to address these data gaps.
(6/5/06 M2C/SAS) EPA?s contractor, Weston Solutions, conducted a site investigation in 2005. Weston collected soil samples from

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

multiple depths at 6 locations inside the building, in the parking lot, and along the strip of land behind the building. Four sediment samples were collected from the Willamette River. Soil and sediment background samples were also collected. Samples were analyzed for VOCs, SVOCs, cyanide, hexavalent chromium, and 23 target analytical metals (TAL).

Elevated results were reported in the following areas: Willamet te River
sediment Aluminum ranging from 7020 to 20,800 mg/kg Lead ranging fro m 1.3 to 589
mg/
kg Nickel ranging from 13.91 to 23.5 mg/kg Zinc ranging from 29.4 to 310
mg/
kg Former Chrome Shop Antimony ranging from 0.48 to 55.8 mg/kg Ar senic ranging from 1.2 to 3.4
mg/
kg Chromium from 10.3 to 8,340 mg/kg Iron ranging from 15,500 to 73, 500
mg/
kg Lead ranging from 1.4 to 620 mg/kg Nickel ranging from 10.5 to 3, 070
mg/
kg Thallium ranging from1.3 to 10.6 mg/kg Vanadium ranging from 48.2 to 151 mg/kg

The building is currently occupied by a tattoo parlor (Hot Rod Bet tie?s) located between a heating stove shop (Mel?s Stoves) on the east side and an appliance shop (JL?s Appliance) on the west side. The rear of the building is separated from a paved bike path by a narrow strip of land and a rock wall covered with blackberry bushes and a chain-link fence. Beyond the bike path to the southeast are Highway 22 and the Willamette River.

Sample results were compared to screening values based on possible impacts to ecological and human receptors. Sample results were compared to sediment fresh water SLVs for ecological receptors in the Willamette River, and to soil residential and industrial PRGs for human receptors. SLVs were exceeded for aluminum, lead, nickel, and zinc. However, lead and zinc were the only constituents above background in sediment. Because the sediment samples with elevated detections (TR003 and TR004) were collected below the Salem?s storm sewer outfall, these results may not be from site operations.

Residential PRGs were exceeded for antimony, arsenic, chromium, ir on, lead, nickel, thallium, and vanadium in several locations on-site at multiple depths. Industrial PRGs were exceeded for chromium. None of the sample results for soil exceeded hot spot levels.

Using Western Region Supplemental Risk-Based Prioritization System the site is considered a medium priority for additional assessment for the following
reasons:
1) Two fresh water SLV were exceeded in sediment and above backgroun d concentrations. However, the detections may not be related to site activities.
3) Residential PRGs were exceeded for antimony, arsenic, chromium, i ron, lead, nickel, thallium, and vanadium. These concentrations were below hot spot
levels.
4) Industrial PRGs were exceeded for chromium. These concentrations

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

were below hot spot
levels.
5) There is a potential for onsite workers to come in contact with c
ontaminated shallow soil.

Administrative Action:

Admin ID:	702720	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	2202	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	702861	Action ID:	9480
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/03/2001	Complete Date:	12/03/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RFPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Federal Preliminary Assessment recommended		
Further Action:	Medium		
Comments:	Not reported		

Admin ID:	702862	Action ID:	9456
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	BASIC PRELIMINARY ASSESSEMENT		
Further Action:	0		
Comments:	Federal PA		

Admin ID:	731890	Action ID:	9444
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	02/14/2006	Complete Date:	02/14/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	02/27/2006
Action Code:	NFRAP	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Remedial Action Planned under Federal program		
Further Action:	0		
Comments:	Not reported		

Admin ID:	725886	Action ID:	9506
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/29/2002	Complete Date:	05/29/2002
Substance Code:	SAS	Rank Value:	Not reported

CHROME SHOP - EDGEWATER ST. (FORMER) (Continued) **S106236646**

Employee Id:	187	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	RSI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Investigation recommended (SI)		
Further Action:	Medium		
Comments:	Not reported		

Admin ID:	725887	Action ID:	9421
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	01/09/2002	Complete Date:	01/09/2002
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	04/18/2003
Action Code:	DS1	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to CERCLIS		
Further Action:	0		
Comments:	Not reported		

W98 **FORMER CHROME SHOP - EDGEWATER ST** **CERC-NFRAP** **1009463101**
SW **940 EDGEWATER STREET** **ORN001002337**
1/4-1/2 **SALEM, OR 97304**
0.387 mi.
2044 ft. **Site 2 of 5 in cluster W**

Relative:
Higher

Actual:
145 ft.

CERC-NFRAP:

Site ID:	1002337
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	10272556.00000
Person ID:	10270102.00000

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	01/09/02
Priority Level:	Not reported

Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	01/26/06
Priority Level:	Not reported

Action:	SITE INSPECTION
Date Started:	12/25/04
Date Completed:	01/26/06
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

Action:	PRELIMINARY ASSESSMENT
Date Started:	01/09/02
Date Completed:	07/28/03
Priority Level:	Low priority for further assessment

X99
NNE
1/4-1/2
0.388 mi.
2047 ft.

HEATING OIL TANK
2737 FRONT ST NE
SALEM, OR 97301

Site 1 of 2 in cluster X

LUST **S108834273**
N/A

Relative:
Higher

Actual:
145 ft.

LUST:

Region:	Western Region
Facility ID:	24-07-1297
Cleanup Received Date:	08/31/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**01/15/2008**

X100
NNE
1/4-1/2
0.391 mi.
2063 ft.

HEATING OIL TANK
2740 FRONT ST NE
SALEM, OR 97301

Site 2 of 2 in cluster X

LUST **S112225304**
N/A

Relative:
Higher

Actual:
145 ft.

LUST:

Region:	Western Region
Facility ID:	24-12-1055
Cleanup Received Date:	09/04/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

S101
ESE
1/4-1/2
0.394 mi.
2081 ft.

HEATING OIL TANK
839 LIBERTY STREET NE
SALEM, OR 97301

Site 3 of 3 in cluster S

LUST **S108572124**
N/A

Relative:
Higher

Actual:
146 ft.

LUST:

Region:	Western Region
Facility ID:	24-07-0143
Cleanup Received Date:	02/07/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

Y102
ESE
1/4-1/2
0.396 mi.
2089 ft.

HEATING OIL TANK
841 LIBERTY RD NE
SALEM, OR 97301

Site 1 of 4 in cluster Y

LUST **S104024440**
N/A

Relative:
Higher

Actual:
146 ft.

LUST:

Region:	Western Region
Facility ID:	24-99-4078
Cleanup Received Date:	06/25/1999
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

Z103 NE 1/4-1/2 0.397 mi. 2094 ft. | **SALEM SIGNAL UNIT**
2445 LIBERTY NE
SALEM, OR 97303

Site 1 of 2 in cluster Z

LUST **U004015445**
UST **N/A**

Relative: Higher

Actual: 148 ft.

LUST:

Region:	Western Region
Facility ID:	24-94-4054
Cleanup Received Date:	05/18/1994
Cleanup Start Date:	05/18/1994
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	745
Facility Telephone:	(503) 8-2645
Permittee Name:	WARREN PERKINS,TRAFFIC SIGNAL TECH SUPER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

AA104 WSW 1/4-1/2 0.397 mi. 2096 ft. | **WEST SALEM MACHINERY CO**
665 MURLARK AVE NW
SALEM, OR 97304

Site 1 of 2 in cluster AA

RCRA-CESQG **1000644656**
FINDS **ORD987194974**
LUST
UST
AST
MANIFEST
SPILLS
HSIS

Relative: Higher

Actual: 148 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2004
Facility name:	WEST SALEM MACHINERY CO
Facility address:	665 MURLARK AVE NW SALEM, OR 97304
EPA ID:	ORD987194974
Mailing address:	PO BOX 5288 SALEM, OR 97304
Contact:	GREG LANG
Contact address:	PO BOX 5288 SALEM, OR 97304
Contact country:	US
Contact telephone:	(503) 364-2213
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

WEST SALEM MACHINERY CO (Continued) **1000644656**

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WEST SALEM MACHINERY CO
Owner/operator address:	PO BOX 5288 SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 364-2213
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2004
Owner/Op end date:	Not reported

Owner/operator name:	WEST SALEM MACHINERY HOLDING CO
Owner/operator address:	665 MURLARK AVE NW SALEM, OR 97304
Owner/operator country:	US
Owner/operator telephone:	(503) 364-2213
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	02/14/1992
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	12/31/2003
Facility name:	WEST SALEM MACHINERY CO
Classification:	Small Quantity Generator

Date form received by agency:	02/25/2003
Facility name:	WEST SALEM MACHINERY CO
Classification:	Small Quantity Generator

Date form received by agency:	02/27/2002
Facility name:	WEST SALEM MACHINERY CO
Classification:	Small Quantity Generator

Date form received by agency:	02/26/2001

WEST SALEM MACHINERY CO (Continued) **1000644656**

Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 04/14/2000
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/18/1999
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/25/1998
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/03/1997
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/01/1996
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 03/01/1995
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/16/1994
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 09/27/1993
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Date form received by agency: 02/14/1992
Facility name: WEST SALEM MACHINERY CO
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Facility Has Received Notices of Violations:
Regulation violated: FR - 40 CFR 265.34
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 62.34(c)(1)(ii)
Area of violation: Generators - Pre-transport
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 265.173
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 265.37
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(d)(5)
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

Regulation violated: FR - 40 CFR 265
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - OAR 340-135-0050(c)
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - OAR 340-102-0011
Area of violation: Generators - General
Date violation determined: 07/13/2000
Date achieved compliance: 09/06/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/27/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/06/2000
Evaluation lead agency: State

Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/06/2000
Evaluation lead agency: State

FINDS:

WEST SALEM MACHINERY CO (Continued) **1000644656**

Registry ID: 110004804463

Environmental Interest/Information System

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.

LUST:

Region:	Western Region
Facility ID:	27-90-4192
Cleanup Received Date:	08/16/1990
Cleanup Start Date:	08/15/1990
Cleanup Complete Date:	**06/04/2010**

UST:

Facility ID:	7954
Facility Telephone:	(503)364-2213
Permittee Name:	RON LYMAN, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

AST:

Facility Id:	002192
Hazardous Substance:	PROPANE
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

OR MANIFEST:

Manifest Year:	Manifest Year - 2004
EPA Id:	ORD987194974
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Greg
Contact Last Name:	Lang
Contact Telephone Number:	(503) 364-2213
Mailing Address:	PO Box 5288
Mailing City:	Salem
Mailing State:	OR
Mailing Zip:	97304

WEST SALEM MACHINERY CO (Continued) **1000644656**

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status: Conditionally exempt generator
Manifest : 25862
Ship Date : 02/18/2004
TSD : KYD053348108
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 401
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status: Conditionally exempt generator
Manifest : 53702
Ship Date : 03/30/2004
TSD : ORD981766124
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 20
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status: Conditionally exempt generator
Manifest : 89755
Ship Date : 04/30/2004
TSD : TXD077603371
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 389
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

RCRA Id : ORD987194974
Inactive : Not reported
Year : 2004
Status: Conditionally exempt generator
Manifest : 45890
Ship Date : 02/13/2004

WEST SALEM MACHINERY CO (Continued) **1000644656**

TSD : ORD981766124
WS Num: Not reported
Transporter : TXR000050930
Ship Qty : 36
Rpt Unit : LB
Off Mng : H061
EPA Waste Codes: F003 F005
Waste Description: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported
Tot Amt Of Waste Stream Generated in Reporting Yr: Not reported

OR SPILLS:
Year: Not reported
Facility ID: 01-2783
Spill Date: Not reported
Material: Process water, etc.
Quantity: 800
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 10/26/2001
Description: 2,600 gallon water tank - fitting broken by worker using flame cutting table - 800 gallons water released.
Location: Not reported
Lat/Long: 44.9474 / -123.0543
Source: Industrial Plant
Material: Not reported
Media: Not reported
Responsible Company: West Salem Machinery
Responsible Contact: Greg Lang
Responsible Address: 992 7th St NW
Responsible City,St,Zip: Salem, OR 97304-3807
Responsible Country: MARION

HSIS:
Facility Id: 002192
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: Yes
Contains 112R: No
NAICS Code 1: 333210
NAICS Desc 1: SAWMILL AND WOODWORKING MACHINERY MANUFACTURING
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: MARK LYMAN PRESIDENT
Business Phone: 5033642213
Mailing Address: PO BOX 5288
Mailing City,St,Zip: SALEM, OR 97304
No. of Employees: 45
Day Phone: 5033642214
Placard: No
Fire Dept Code: 0321
Sprinkler System: Yes
Emergency Contact: GREG LANG
Emergency Procedure: Not reported
Business Type: MFG OF SAWMILL EQUIP STRADDLE CARRIERS JOB SHOP

WEST SALEM MACHINERY CO (Continued) **1000644656**

Facility:

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	BASE LUBRICATING OILS
United Nations/north America 4 Digit Class Number:	1270
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1270
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	002192
Physical State Of The Substance:	3
Physical State:	GAS

WEST SALEM MACHINERY CO (Continued) **1000644656**

Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	1013
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1013
Chemical Abstract Service Identifier Number:	124389
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D

WEST SALEM MACHINERY CO (Continued) **1000644656**

Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	180
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	XYLENE
United Nations/north America 4 Digit Class Number:	1307
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1307
Chemical Abstract Service Identifier Number:	1330207
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	01
Maximum Amount Possessed During The Year Code:	01
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

WEST SALEM MACHINERY CO (Continued) **1000644656**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5-9
Description Of The Avg Qnty Code:	5-9
Most Hazardous Ingridient:	SOLVENT NAPHTHA (PETROLEUM)
United Nations/north America 4 Digit Class Number:	1268
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1268
Chemical Abstract Service Identifier Number:	64742887
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	002192
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	20
Maximum Amount Possessed During The Year Code:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

WEST SALEM MACHINERY CO (Continued) **1000644656**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

AB105 **SALEM CENTRE SOUTH** **LUST** **S100500464**
SE **LIBERTY & CHEMEKETA** **N/A**
1/4-1/2 **SALEM, OR 97301**
0.401 mi.
2119 ft. **Site 1 of 5 in cluster AB**

Relative:
Higher

Actual:
159 ft.

LUST:

Region:	Western Region
Facility ID:	24-90-4085
Cleanup Received Date:	05/23/1990
Cleanup Start Date:	06/09/1992
Cleanup Complete Date:	**06/09/1992**

AB106 SE 1/4-1/2 0.406 mi. 2144 ft. — **HEATING OIL TANK, 285 LIBERTY STREET NE, SALEM, OR 97301** — **LUST** — **S102304300, N/A**

Site 2 of 5 in cluster AB

Relative: Higher
Actual: 159 ft.

LUST:

Region:	Western Region
Facility ID:	24-95-4055
Cleanup Received Date:	05/01/1995
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

AB107 SE 1/4-1/2 0.409 mi. 2160 ft. — **WELLS FARGO LIBERTY ST, 280 LIBERTY ST NE, SALEM, OR 97301** — **LUST** — **S105710997, N/A**

Site 3 of 5 in cluster AB

Relative: Higher
Actual: 159 ft.

LUST:

Region:	Western Region
Facility ID:	24-03-0025
Cleanup Received Date:	01/02/2003
Cleanup Start Date:	10/28/2002
Cleanup Complete Date:	**07/28/2005**

V108 ESE 1/4-1/2 0.413 mi. 2179 ft. — **TAGGESELL PROPERTY, 615 HIGH ST, SALEM, OR 97301** — **LUST** — **S100498243, N/A**

Site 2 of 4 in cluster V

Relative: Higher
Actual: 154 ft.

LUST:

Region:	Western Region
Facility ID:	24-92-4151
Cleanup Received Date:	08/15/1992
Cleanup Start Date:	08/15/1992
Cleanup Complete Date:	**02/26/2002**

AA109 WSW 1/4-1/2 0.420 mi. 2220 ft. — **HANARD MACHINE INC, 859 7TH ST NW, SALEM, OR 97304** — **UIC, LUST, HSIS** — **S108060005, N/A**

Site 2 of 2 in cluster AA

Relative: Higher
Actual: 149 ft.

OR UIC:

UIC Well #:	1
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	12799
Facility Status:	Registered & RA
Lat/Long:	44.9476009 / -123.0552

LUST:

Region:	Western Region

HANARD MACHINE INC (Continued) **S108060005**

Facility ID: 27-95-4037
Cleanup Received Date: 03/20/1995
Cleanup Start Date: 03/24/1995
Cleanup Complete Date: 08/27/2012

HSIS:

Facility Id:	065313
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Contains 112R:	No
NAICS Code 1:	332710
NAICS Desc 1:	MACHINE SHOPS
NAICS Code 2:	811310
NAICS Desc 2:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAIN
Manager Name:	KEVIN KIRSCH
Business Phone:	5033643952
Mailing Address:	859 7TH ST NW
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	85
Day Phone:	5033643952
Placard:	Yes
Fire Dept Code:	0321
Sprinkler System:	Yes
Emergency Contact:	FRANK KIRSCH JR
Emergency Procedure:	Not reported
Business Type:	MACHINE SHOP & WELDING

Facility:

Facility Id:	065313
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	O
Description:	TOTEBIN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

HANARD MACHINE INC (Continued) **S108060005**

First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	68476346
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	065313
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Non-flammable Gas
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4

HANARD MACHINE INC (Continued) **S108060005**

Hazard Class 3 Of The Chemical: 2.2

Chemical:
United Nations/north America 4 Digit Class Number: 1956
Chemical Abstract Service Identifier Number: 7440371
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Chronic Health Hazard
Third Hazardous Class Code For Chemical: Non-flammable Gas
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 6.4
Hazard Class 3 Of The Chemical: 2.2
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

Facility Id: 065313
Physical State Of The Substance: 3
Physical State: GAS
Average Amount Possessed During The Year Code: 11
Maximum Amount Possessed During The Year Code: 11
Applicable Unit Of Measure Code: 3
Description Of The Unit Of Measure: CUBIC FEET
Type Code: L
Description: CYLINDER
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 2
Pressure Description: GREATER THAN NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 500-999
Description Of The Avg Qnty Code: 500-999
Most Hazardous Ingridient: ARGON
United Nations/north America 4 Digit Class Number: 1956
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Non-flammable Gas
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.2
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1956
Chemical Abstract Service Identifier Number: 7440371

HANARD MACHINE INC (Continued) **S108060005**

Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	065313
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1

HANARD MACHINE INC (Continued) **S108060005**

Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	
Contains EHS: No	
Fertilizer: No	
Pesticide: No	
Contains 313: No	

Facility Id:	065313
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	BASE OIL
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	0000000
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R: No	

HANARD MACHINE INC (Continued) **S108060005**

Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

Y110
ESE
1/4-1/2
0.421 mi.
2222 ft.

HEATING OIL TANK
870 LIBERTY ST
SALEM, OR 97301

Site 2 of 4 in cluster Y

LUST **S100498235**
N/A

Relative:
Higher

Actual:
145 ft.

LUST:
Region: Western Region
Facility ID: 24-91-4373
Cleanup Received Date: 12/13/1991
Cleanup Start Date: 12/13/1991
Cleanup Complete Date: 09/04/1992

Y111
East
1/4-1/2
0.423 mi.
2231 ft.

HEATING OIL TANK
875 LIBERTY RD NE
SALEM, OR 97301

Site 3 of 4 in cluster Y

LUST **S104820439**
N/A

Relative:
Higher

Actual:
146 ft.

LUST:
Region: Western Region
Facility ID: 24-00-6040
Cleanup Received Date: 10/04/2000
Cleanup Start Date: 10/04/2000
Cleanup Complete Date: 01/08/2001

U112
ENE
1/4-1/2
0.423 mi.
2236 ft.

HEATING OIL TANK
1435 4TH STREET NE
SALEM, OR 97303

Site 2 of 2 in cluster U

LUST **S103839690**
N/A

Relative:
Higher

Actual:
155 ft.

LUST:
Region: Western Region
Facility ID: 24-97-4088
Cleanup Received Date: 06/04/1997
Cleanup Start Date: 06/02/1997
Cleanup Complete Date: Not reported

W113 SW 1/4-1/2 0.427 mi. 2255 ft.

OREGON FRUIT PRODUCTS
150 PATTERSON ST. NW
SALEM, OR 97304

Site 3 of 5 in cluster W

AST VCP NPDES HSIS ECSI

S105744235
N/A

Relative: Higher

Actual: 147 ft.

AST:

Facility Id:	005547
Hazardous Substance:	PROPANE
Reporting Quantities:	500-999
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

VCS:

ECS Site ID:	981
CRL:	NFA
Facility Size:	4.95 acres
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	06/30/2005
End Date:	07/08/2005
Project Manager Name:	Angie Obery
Program:	ICP

NPDES:

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	WR
Pri SIC:	2033
Facility Type:	CANNED FRUITS AND VEGETABLES
Latitude:	44.9427
Longitude:	-123.0541
Category:	STM
Permit Type:	GEN12Z
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Stormwater; NPDES specific SIC codes
Expiration Date:	06/30/2012
EPA Number:	ORR121304
UIC Facility:	False
Admin Agent:	Salem Office
Last Action Date:	04/05/2012
Permit Writer:	Not reported
Compliance Inspector:	Sewell
DMR Reviewer:	Sewell
Application Number:	964911
Class:	MINOR
Start Date:	11/17/1997

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	WR
Pri SIC:	2033
Facility Type:	CANNED FRUITS AND VEGETABLES
Latitude:	44.9427
Longitude:	-123.0541
Category:	IND
Permit Type:	GEN01

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Permit Active:	True
Is Active?:	Not reported
Permit Description:	Industrial Wastewater; NPDES cooling water
Expiration Date:	07/31/2001
EPA Number:	ORG253538
UIC Facility:	False
Admin Agent:	Salem Office
Last Action Date:	11/09/2011
Permit Writer:	Not reported
Compliance Inspector:	Schnurbusch
DMR Reviewer:	Schnurbusch
Application Number:	965880
Class:	MINOR
Start Date:	05/07/1981

WQ File Nbr:	64192
Legal Name:	OREGON FRUIT PRODUCTS LLC
Region:	Not reported
Pri SIC:	2033
Facility Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Category:	Not reported
Permit Type:	GEN12F
Permit Active:	Not reported
Is Active?:	FALSE
Permit Description:	Not reported
Expiration Date:	Not reported
EPA Number:	Not reported
UIC Facility:	Not reported
Admin Agent:	Not reported
Last Action Date:	Not reported
Permit Writer:	Not reported
Compliance Inspector:	Not reported
DMR Reviewer:	Not reported
Application Number:	Not reported
Class:	Not reported
Start Date:	Not reported

HSIS:

Facility Id:	005547
Chemical Is Extremely Hazardous Substance (EHS):	Yes
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	311421
NAICS Desc 1:	FRUIT AND VEGETABLE CANNING
NAICS Code 2:	311411
NAICS Desc 2:	FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING
Manager Name:	PAUL GEHLAR
Business Phone:	5035816211
Mailing Address:	PO BOX 5283
Mailing City,St,Zip:	SALEM, OR 97304
No. of Employees:	150
Day Phone:	5034859008
Placard:	Yes
Fire Dept Code:	0321

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Sprinkler System: Yes
Emergency Contact: DOUG DETERING
Emergency Procedure: PLANT PRODUCTION OFFICE
Business Type: FRUIT CANNING & FREEZING

Facility:

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	11
Maximum Amount Possessed During The Year Code:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742650
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Spontaneously Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	4.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported

Contains 112R: Not reported
Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Facility Id:	005547
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	02
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10-19
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	METHYL ETHYL KETONE
United Nations/north America 4 Digit Class Number:	1193
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1193
Chemical Abstract Service Identifier Number:	78933
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Yes

Facility Id:	005547
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	11

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	005547
Physical State Of The Substance:	1
Physical State:	SOLID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM CARBONATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	497198
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	005547
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1006
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	981	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	7854	Further Action:	0
Lat/Long (dms):	44 56 34.00 / -123 3 15.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1100	Size:	4.95 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/26/2009

Narrative:

NARR ID:	5730997
NARR Code:	Contamination
Created By:	Not reported
Created Date:	12/17/2002

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Updated By: AOBERY
Updated Date: 02/07/2005
NARR Comments: (6/1/89 MMD/SAS) Paint chips were collected from a storm drain manhole located on the corner of Patterson and First (NW) in Salem. The chips were analyzed for cadmium, copper, lead, and zinc at the request of a City of Salem Pollution Control Inspector. The chips were coming from outdoor drum cleaning operations conducted by Oregon Fruit Products. The paint chips tested positive for the above listed metals. No soil analyses were performed. (2/7/05 AMO/CU) Company joined the ICP in December 2005. Plan to submit an ICP report for closure in January 2005.

NARR ID: 5730998
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: 1) DEQ Willamette Valley Region (WVR) Water Quality Source file. 2) Inspection reports. 3) Correspondence FROM owner and/or operator. 4) Laboratory results.

NARR ID: 5730999
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: paint, heavy metals

NARR ID: 5745123
NARR Code: Remedial Action
Created By: SNICHOL
Created Date: 06/21/2004
Updated By: GWISTAR
Updated Date: 07/12/2005
NARR Comments: (2/15/05 AMO) No remedial actions known to date. Site joined ICP in December, 2004. ICP report is planned to be delivered to DEQ in February. (4/21/05 AMO) As of this date, no ICP report has been delivered to DEQ for review. Bergeson-Boese & Associates is the environmental contractor for the responsible party.
(7/8/05 AMO/ICP) DEQ received ICP report recommending No Further A ction for review. DEQ accepts ICP report's recommendation of No further action.

Administrative Action:

Admin ID:	722039	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	High		
Comments:	Not reported		

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Admin ID:	729106	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/24/2004	Complete Date:	12/10/2004
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2393	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	09/24/2004
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	On ICP wait list 9/24/04		

Admin ID:	729563	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/10/2004	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	12/27/2004
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Not reported		

Admin ID:	730601	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/30/2005	Complete Date:	07/08/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	07/08/2005
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	730438	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2005	Complete Date:	06/30/2005
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	06/16/2005
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	718596	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	06/01/1989	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Further Action: Not reported
Comments: Not reported

Admin ID:	728617	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	State screening.		

Admin ID:	728618	Action ID:	9449
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/13/2004	Complete Date:	06/14/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728619	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/07/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	728620	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/14/2004	Complete Date:	06/14/2004
Substance Code:	sas	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	SNICHOL	Created Date:	06/21/2004
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	Not reported		

Operations:

Operation Id:	132280
Operation Status:	Active
Common Name:	Oregon Fruit Products
Yrs of Operation:	Not reported
Comments:	Cannery.
Updated Date:	05/01/1995

OREGON FRUIT PRODUCTS (Continued) **S105744235**

Operations SIC Id: 194883
SIC Code: 2033
Created By: Not reported
Created Date: 12/17/2002

W114
SW
1/4-1/2
0.427 mi.
2255 ft.

OREGON FRUIT PRODUCTS INC **LUST** **U004015459**
150 PATTERSON ST NW **UST** **N/A**
SALEM, OR 97304

Site 4 of 5 in cluster W

Relative:
Higher

Actual:
147 ft.

LUST:
Region: Western Region
Facility ID: 27-93-4020
Cleanup Received Date: 01/28/1993
Cleanup Start Date: 01/28/1993
Cleanup Complete Date: 04/27/1999

UST:
Facility ID: 7680
Facility Telephone: (503) 581-6211
Permittee Name: JERRY DAVENPORT, PLANT ENGINEER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 3
Number of Tanks: 3

V115
ESE
1/4-1/2
0.429 mi.
2266 ft.

CITY OF SALEM (HIGH ST.) **LUST** **S101094749**
INTERSECTION OF UNION AND HIGH STREET **N/A**
SALEM, OR 97301

Site 3 of 4 in cluster V

Relative:
Higher

Actual:
153 ft.

LUST:
Region: Western Region
Facility ID: 24-94-4094
Cleanup Received Date: 07/15/1994
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

V116
ESE
1/4-1/2
0.430 mi.
2269 ft.

CAPITOL CAR WASH **LUST** **U004015377**
608 HIGH ST NE **UST** **N/A**
SALEM, OR 97301

Site 4 of 4 in cluster V

Relative:
Higher

Actual:
153 ft.

LUST:
Region: Western Region
Facility ID: 24-90-4223
Cleanup Received Date: 09/25/1990
Cleanup Start Date: 09/25/1990
Cleanup Complete Date: 08/24/2001

CAPITOL CAR WASH (Continued) **U004015377**

UST:
Facility ID: 8840
Facility Telephone: (503) 364-5161
Permittee Name: DONALD C. DOW, OWNER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

Y117 **WINSTON MANAGEMENT** **LUST** **U000433847**
East **889 LIBERTY ST NE** **UST** **N/A**
1/4-1/2 **SALEM, OR 97301** **HSIS**
0.437 mi.
2309 ft. **Site 4 of 4 in cluster Y**

Relative:
Higher

Actual:
150 ft.

LUST:
Region: Western Region
Facility ID: 24-89-4037
Cleanup Received Date: 05/12/1989
Cleanup Start Date: 05/12/1989
Cleanup Complete Date: 02/12/2002

UST:
Facility ID: 9417
Facility Telephone: (503) 364-6242
Permittee Name: WHITIE KRAUSE
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 4
Number of Tanks: 4

HSIS:
Facility Id: 033301
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: No
NAICS Code 1: 531130
NAICS Desc 1: LESSORS OF MINIWAREHOUSES AND SELF-STORAGE UNITS
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: LINDA ROPP
Business Phone: 5033646776
Mailing Address: 889 LIBERTY ST NE
Mailing City,St,Zip: SALEM, OR 97301
No. of Employees: 2
Day Phone: 5033046776
Placard: No
Fire Dept Code: 0321
Sprinkler System: Yes
Emergency Contact: KEVIN MASON
Emergency Procedure: Not reported
Business Type: SPACE RENTAL WHSE MINI STRG OFFICE

Facility:
Facility Id: 033301
Physical State Of The Substance: 2

WINSTON MANAGEMENT (Continued) **U000433847**

Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	TITANIUM DIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	13463677
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

118 SSE 1/4-1/2 0.445 mi. 2347 ft. | **MARION CAR RENTAL CO/MARION AUTO SERVICE**
195 COMMERCIAL ST SE
SALEM, OR 97301 | **LUST UST** | **1000473735 N/A**

Relative: Higher

Actual: 156 ft.

LUST:

Region:	Western Region
Facility ID:	24-90-4276
Cleanup Received Date:	11/15/1990
Cleanup Start Date:	11/02/1990
Cleanup Complete Date:	**10/09/1998**

Region:	Western Region
Facility ID:	24-98-4178
Cleanup Received Date:	10/27/1998
Cleanup Start Date:	10/02/1998
Cleanup Complete Date:	**01/29/1999**

UST:

Facility ID:	2385
Facility Telephone:	(503) 581-2481
Permittee Name:	S G HINKLE JR
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	4
Number of Tanks:	4

AC119 West 1/4-1/2 0.454 mi. 2395 ft. | **HEATING OIL TANK**
770 GLEN CREEK RD NW
SALEM, OR 97304

Site 1 of 2 in cluster AC | **LUST** | **S111332712 N/A**

Relative: Higher

Actual: 202 ft.

LUST:

Region:	Western Region
Facility ID:	27-11-0917
Cleanup Received Date:	09/06/2011
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/28/2011**

AD120 East 1/4-1/2 0.455 mi. 2403 ft. | **GLADOW, WES**
1085 BROADWAY ST NE
SALEM, OR 97301

Site 1 of 3 in cluster AD | **LUST UST** | **U002021482 N/A**

Relative: Higher

Actual: 154 ft.

LUST:

Region:	Western Region
Facility ID:	24-94-4106
Cleanup Received Date:	07/25/1994
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

UST:

Facility ID:	11422
Facility Telephone:	(503) 364-8821

GLADOW, WES (Continued) **U002021482**

Permittee Name: WES GLADOW
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

AB121
SSE
1/4-1/2
0.457 mi.
2411 ft.

SENATOR OFFICE BLDG
256 HIGH STREET
SALEM, OR 97301

LUST **S102521063**
N/A

Site 4 of 5 in cluster AB

Relative:
Higher

Actual:
158 ft.

LUST:
Region: Western Region
Facility ID: 24-97-4016
Cleanup Received Date: 02/05/1997
Cleanup Start Date: 02/05/1997
Cleanup Complete Date: 07/19/2000

122
SW
1/4-1/2
0.457 mi.
2415 ft.

325 PATTERSON ST NW
SALEM, OR

SPILLS **S102081253**
ECSI **N/A**

Relative:
Higher

Actual:
147 ft.

OR SPILLS:
Year: Not reported
Facility ID: 94-1360
Spill Date: Not reported
Material: Not reported
Quantity: 0
Unit of Measure: Not reported
How Occurred: Not reported
Release Date: / /
Description: 20 gallon contained to raod and cleaned it up (diesel oil) from overturned truck with ruptured tank. Hazmat responded and cleaned up spill. Contained to asphalt. New information: Spill impacted shoulder. Spencer environmental hired.
Location: Not reported
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: I-5
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

Year: Not reported
Facility ID: 94-1360
Spill Date: Not reported
Material: Not reported
Quantity: 0
Unit of Measure: Not reported
How Occurred: Not reported

(Continued) **S102081253**

Release Date: / /
Description: Hwy 58 MP 49 - 2 Semis in accident. Vehicles on fire. 50 gallons of diesel released. One fatality and one critical.
Location: Not reported
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: Hwy 58
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

ECSI:

State ID Number:	353	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	6086	Further Action:	0
Lat/Long (dms):	44 56 40.20 / -123 3 16.90	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	700	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	09/13/2006

Narrative:

NARR ID: 5728664
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/27/92 LSK/SAS) On August 8, 1982, 2500 gallons of hydraulic oil spilled as a result of a line leak. A DEQ file memo states that all oil was contained, no product reached public waters, and cleanup was outstanding. No information is available about the potential for soil contamination, or about the location of the spill.

NARR ID: 5728665
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: 1) Complaint form. 2) DEQ memo to file (8-9-82).

NARR ID: 5728666
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: hydraulic oil

(Continued) **S102081253**

NARR ID: 5728667
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Bassett NW; Agripac #1 West Salem

NARR ID: 5728668
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Break in hydraulic oil line. Time of release: August 8, 1982

NARR ID: 5728669
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/27/92 LSK/SAS) Available information indicates the spill was contained and cleaned up (oil was pumped by septic service for disposal). No further action is necessary.

Administrative Action:

Admin ID:	718310	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/02/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718711	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/27/1992	Complete Date:	09/27/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718712	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/28/1992	Complete Date:	09/28/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action

(Continued) **S102081253**

Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718713	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/29/1992	Complete Date:	09/29/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Operations:

Operation Id:	131775
Operation Status:	Active
Common Name:	Agripac Inc.
Yrs of Operation:	Not reported
Comments:	Food processing plant
Updated Date:	09/13/1994
Operations SIC Id:	195309
SIC Code:	2033
Created By:	Not reported
Created Date:	12/17/2002

123
WNW
1/4-1/2
0.460 mi.
2427 ft.

HEATING OIL TANK **LUST** **S104820485**
791 ORCHARD HEIGHTS RD NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
246 ft.

LUST:

Region:	Western Region
Facility ID:	27-00-5887
Cleanup Received Date:	09/15/2000
Cleanup Start Date:	09/12/2000
Cleanup Complete Date:	**12/06/2000**

W124
SW
1/4-1/2
0.461 mi.
2435 ft.

WEST SALEM CLINIC **UIC** **S111429889**
1025 EDGEWATER ST NW **LUST** **N/A**
SALEM, OR 97304

Site 5 of 5 in cluster W

Relative:
Higher

Actual:
152 ft.

OR UIC:

UIC Well #:	1
Type:	5X26
Type Description:	Aquifer Remediation Related
Status:	Active
UIC Number:	14662
Facility Status:	Registered & not RA
Lat/Long:	44.9425540 / -123.0547

WEST SALEM CLINIC (Continued) **S111429889**

LUST:
Region: Western Region
Facility ID: 27-11-1098
Cleanup Received Date: 10/07/2011
Cleanup Start Date: 10/06/2011
Cleanup Complete Date: Not reported

AD125 **EAGLES SITE BAKERY** **LUST** **U003998751**
East **1195 BROADWAY ST NE** **UST** **N/A**
1/4-1/2 **SALEM, OR 97301**
0.463 mi.
2443 ft. **Site 2 of 3 in cluster AD**

Relative:
Higher

Actual:
155 ft.

LUST:
Region: Western Region
Facility ID: 24-05-0238
Cleanup Received Date: 02/08/2005
Cleanup Start Date: 02/11/2005
Cleanup Complete Date: 03/26/2010

UST:
Facility ID: 12225
Facility Telephone: (503) 588-6255
Permittee Name: ROBERT WELLS
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

Z126 **HEATING OIL TANK** **LUST** **S102778734**
NE **2465 4TH STREET NE** **N/A**
1/4-1/2 **SALEM, OR 97302**
0.464 mi.
2450 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
149 ft.

LUST:
Region: Western Region
Facility ID: 24-95-4051
Cleanup Received Date: 04/24/1995
Cleanup Start Date: 04/10/1995
Cleanup Complete Date: 10/14/1996

AD127 **FORMER OBERT PROPERTY** **LUST** **S106475144**
East **1211 BROADWAY STREET NE** **N/A**
1/4-1/2 **SALEM, OR 97301**
0.465 mi.
2453 ft. **Site 3 of 3 in cluster AD**

Relative:
Higher

Actual:
155 ft.

LUST:
Region: Western Region
Facility ID: 24-04-0222
Cleanup Received Date: 02/20/2004
Cleanup Start Date: 01/15/2005
Cleanup Complete Date: 08/07/2006

128
WNW
1/4-1/2
0.465 mi.
2457 ft.

HEATING OIL TANK
1270 VALLEY VIEW NW
SALEM, OR 97304

LUST **S104304635**
N/A

Relative:
Higher

Actual:
278 ft.

LUST:

Region:	Western Region
Facility ID:	27-99-4178
Cleanup Received Date:	12/21/1999
Cleanup Start Date:	12/13/1999
Cleanup Complete Date:	**01/03/2000**

AE129
SSE
1/4-1/2
0.466 mi.
2458 ft.

HEATING OIL TANK
388 STATE STREET
SALEM, OR 97301

Site 1 of 2 in cluster AE

LUST **S101951669**
N/A

Relative:
Higher

Actual:
157 ft.

LUST:

Region:	Western Region
Facility ID:	24-96-7077
Cleanup Received Date:	10/31/1996
Cleanup Start Date:	10/08/1996
Cleanup Complete Date:	**10/31/1996**

AF130
NNE
1/4-1/2
0.469 mi.
2474 ft.

HEATING OIL TANK
2910 DREAMERIE LN NE
SALEM, OR 97303

Site 1 of 3 in cluster AF

LUST **S104820476**
N/A

Relative:
Lower

Actual:
137 ft.

LUST:

Region:	Western Region
Facility ID:	24-00-6243
Cleanup Received Date:	10/31/2000
Cleanup Start Date:	10/31/2000
Cleanup Complete Date:	**06/27/2006**

AG131
East
1/4-1/2
0.471 mi.
2489 ft.

RAWLINSON'S CLEANERS II
1264 BROADWAY, NE
SALEM, OR 97301

Site 1 of 5 in cluster AG

LUST **S102778682**
N/A

Relative:
Higher

Actual:
155 ft.

LUST:

Region:	Western Region
Facility ID:	24-93-4208
Cleanup Received Date:	11/23/1993
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

AG132 **RAWLINSONS CAPITAL CITY LAUNDRY** **RCRA NonGen / NLR** **1000643485**
East **1264 BROADWAY NE** **FINDS** **ORD987179454**
1/4-1/2 **SALEM, OR 97303** **LUST**
0.471 mi. **UST**
2489 ft. **Site 2 of 5 in cluster AG** **VCP**
DRYCLEANERS
Relative: **ECSI**
Higher

Actual:
155 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/02/1993
Facility name:	RAWLINSONS CAPITAL CITY LAUNDRY
Facility address:	1264 BROADWAY NE SALEM, OR 97303
EPA ID:	ORD987179454
Contact:	DON WYLIE
Contact address:	1264 BROADWAY NE SALEM, OR 97303
Contact country:	US
Contact telephone:	(503) 363-3165
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RAWLINSONS CAPITAL CITY LAUNDRY
Owner/operator address:	1264 BROADWAY N.E. SALEM, OR 97303
Owner/operator country:	US
Owner/operator telephone:	(503) 363-3165
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	03/02/1993
Owner/Op end date:	Not reported

Owner/operator name:	RAWLINSONS CAPITAL CITY LAUNDRY
Owner/operator address:	1264 BROADWAY N.E. SALEM, OR 97303
Owner/operator country:	US
Owner/operator telephone:	(503) 363-3165
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	03/02/1993
Owner/Op end date:	Not reported

Handler Activities Summary:

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

RAWLINSONS CAPITAL CITY LAUNDRY (Continued) **1000643485**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004798407

Environmental Interest/Information System
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.

LUST:
Region: Western Region
Facility ID: 24-84-4007
Cleanup Received Date: 03/15/1984
Cleanup Start Date: 03/15/1984
Cleanup Complete Date: 03/20/1984

Region: Western Region
Facility ID: 24-93-4195
Cleanup Received Date: 11/03/1993
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported

UST:
Facility ID: 2449
Facility Telephone: (503) 363-3165
Permittee Name: KEITH PERKINS, PARTNER/MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: Not reported
Number of Tanks: 3

VCS:
ECS Site ID: 3312
CRL: SUS
Facility Size: Not reported

RAWLINSONS CAPITAL CITY LAUNDRY (Continued) **1000643485**

Action: REMOVAL
Start Date: 07/01/2009
End Date: Not reported
Project Manager Name: Bryn Thoms
Program: VCS

DRYCLEANERS:
Dry Cleaner ID: 669
Phone ID: Not reported
Current Status: Closed
Last Update: 6/15/2004
DEQID: Not reported
Latitude: 44.9515049
Longitude: -123.03096

Dry Cleaner ID: 534
Phone ID: Not reported
Current Status: Closed
Last Update: 8/26/2002
DEQID: Not reported
Latitude: 44.9514991
Longitude: -123.03095

ECSI:

State ID Number:	3312	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	2433	Further Action:	257
Lat/Long (dms):	44 57 6.00 / -123 1 51.00	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	00100	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	BTHOMS	Update Date:	06/20/2012

Hazardous Release:
Substance ID.: 121781
Haz Release ID: 387741
Qty Released: unk
Date Released: unk
Update Date: 02/23/2011
Update By: GWISTAR
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

RAWLINSONS CAPITAL CITY LAUNDRY (Continued) **1000643485**

Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

Substance ID.: 121011
Haz Release ID: 387742
Qty Released: unk
Date Released: unk
Update Date: 02/23/2011
Update By: GWISTAR
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915

RAWLINSONS CAPITAL CITY LAUNDRY (Continued) **1000643485**

Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-

Narrative:

NARR ID: 5743004
NARR Code: Contamination
Created By: TSCOTT
Created Date: 02/21/2003
Updated By: TSCOTT
Updated Date: 08/11/2005
NARR Comments: (2/26/03 NTS/VCP) Former industrial laundry and dry cleaning facility that has operated as a dry store since 1991. Initially the facility used Stoddard solvent and more recently perchloroethene (PCE). Three USTs containing Stoddard solvent were removed in 1993 under DEQs' Tanks Program. One heating oil tank was also decommissioned. Limited soil sampling for PCE was conducted in 1993 and found up to 0.8 ppm PCE in the shallow soil (7.5 ft bgs). Groundwater sampling conducted in 2001 detected PCE (up to 980 ppb) and various degradation products at significant levels. (8/11/05 NTS/VCP) A passive soil vapor survey was conducted in June 2003. Additional monitoring wells have been installed in 2003 and 2004 in both the shallow aquifer and the deeper aquifer. PCE concentrations have been detected in shallow groundwater on site up to 5500 ppb. PCE in the deeper zone (65-80 ft) have been detected up to 530 ppb. Other degredation products of PCE (TCE, cis1,2-DCE, VC) have also been detected. A source area investigation was conducted in the November 2004 and January 2005 and found concentrations up to 23 ppm PCE in soil to depths of 10 feet. TCE and cis-DCE was also detected in the shallow soil samples.

NARR ID: 5743008
NARR Code: Hazardous Substance/Waste Types
Created By: TSCOTT
Created Date: 02/26/2003
Updated By: TSCOTT
Updated Date: 02/26/2003
NARR Comments: PCE, TCE, VC, dichlorobenzenes

NARR ID: 5743009
NARR Code: Manner of Release
Created By: TSCOTT
Created Date: 02/26/2003
Updated By: GWISTAR
Updated Date: 06/12/2003
NARR Comments: (2/26/03 NTS/VCP) Past practices using PCE from 1950s-1991.

NARR ID: 5743010
NARR Code: Pathways Other Hazards
Created By: TSCOTT
Created Date: 02/26/2003
Updated By: GWISTAR
Updated Date: 01/17/2006
NARR Comments: (2/26/03 NTS/VCP) Depth to groundwater is about 15 feet. Site is located in mixed use urban setting including residential properties.

RAWLINSONS CAPITAL CITY LAUNDRY (Continued) **1000643485**

Site is less than 0.5 mile from the Willamette River.
(8/11/05 NTS VCS) Depth of groundwater contamination extends to ap proximately 80 feet depth and has been detected one-half block west of Broadway and to the north and northwest approximately 50-100 feet beyond Gaines St.
(1/13/06 NTS/VCS) DEQ is monitoring two distinct groundwater zones at the site. A shallow one is approximately 12-25 deep and has a flow direction that is primarily westerly but has some seasonal variation somewhat related to river levels. A deeper aquifer at 65-80 bgs has flows predominantly to the west, regardless of season. There appears to be a downward gradient between the two aquifers. The plume does extend off-site in the shallow aquifer, approximately 0.5 block to the west and less so to the north. The deeper aquifer probably extends further to the west, but it has not been defined sufficiently to date.

NARR ID: 5743011
NARR Code: Remedial Action
Created By: TSCOTT
Created Date: 02/26/2003
Updated By: BTHOMS
Updated Date: 12/18/2006
NARR Comments: (2/26/03 NTS/VCP) Current investigative activities: resurvey and resample all existing monitoring wells; conduct a beneficial-use determination. (8/11/05 NTS/VCS) Additional delineation on groundwater plume to the west of the site is needed. Evaluation of source removal will also be conducted.

Administrative Action:

Admin ID:	739627	Action ID:	9464
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/17/2008	Complete Date:	12/12/2008
Substance Code:	VCS	Rank Value:	Not reported
Employee Id:	2033	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	01/24/2012
Action Code:	PPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Prospective Purchaser Agreement		
Further Action:	0		
Comments:	PPA #08-05: Salem Alliance Church		

Admin ID:	700999	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/05/2002	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	2202	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	701002	Action ID:	9519
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/25/2002	Complete Date:	08/23/2002

RAWLINSONS CAPITAL CITY LAUNDRY (Continued) **1000643485**

Substance Code:	VCP	Rank Value:	0
Employee Id:	1872	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	VWL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	VCS Waiting List		
Further Action:	0		
Comments:	Not reported		

Admin ID:	730854	Action ID:	9409
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/15/2005	Complete Date:	Not reported
Substance Code:	VCS	Rank Value:	Not reported
Employee Id:	2033	Cleanup Flag:	False
Created By:	TSCOTT	Created Date:	08/11/2005
Action Code:	BENE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Beneficial Water Use Assessment		
Further Action:	High-Medium		
Comments:	Not reported		

Admin ID:	725370	Action ID:	9440
Agency:	Dept Of Environmental Quality	Region:	Eastern Region
Start Date:	08/23/2002	Complete Date:	08/23/2002
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	666	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	02/26/2003
Action Code:	LTAG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Letter Agreement		
Further Action:	0		
Comments:	VCP letter agreement		

Admin ID:	725372	Action ID:	9484
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/10/2002	Complete Date:	Not reported
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	2033	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	02/26/2003
Action Code:	RI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMEDIAL INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	737260	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/01/2009	Complete Date:	Not reported
Substance Code:	VCS	Rank Value:	Not reported
Employee Id:	2033	Cleanup Flag:	False
Created By:	BTHOMS	Created Date:	01/19/2010
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	High-Medium		
Comments:	Interim Remedial Action conducted during summer of 09. Soil Vapor extraction.		

AG133 **AYNBEE MOTORS** **LUST** **U003960295**
East **1320 BROADWAY NE** **UST** **N/A**
1/4-1/2 **SALEM, OR 97303**
0.477 mi.
2519 ft. **Site 3 of 5 in cluster AG**

Relative:
Higher

Actual:
156 ft.

LUST:

Region:	Western Region
Facility ID:	24-89-4164
Cleanup Received Date:	12/01/1989
Cleanup Start Date:	12/01/1989
Cleanup Complete Date:	**09/20/2006**

Region:	Western Region
Facility ID:	24-94-4018
Cleanup Received Date:	03/04/1994
Cleanup Start Date:	02/22/1994
Cleanup Complete Date:	**01/18/1995**

UST:

Facility ID:	5004
Facility Telephone:	(503) 362-0703
Permittee Name:	M BONIFACE, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	5
Number of Tanks:	5

Facility ID:	11381
Facility Telephone:	(503) 581-4003
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

AC134 **HEATING OIL TANK** **LUST** **S108573021**
West **1165 BELAIRE DR NW** **N/A**
1/4-1/2 **SALEM, OR 97304**
0.478 mi.
2522 ft. **Site 2 of 2 in cluster AC**

Relative:
Higher

Actual:
237 ft.

LUST:

Region:	Western Region
Facility ID:	27-07-0651
Cleanup Received Date:	05/11/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**09/12/2007**

AG135 **ENE** **1/4-1/2** **0.480 mi.** **2535 ft.**	**C E MILLER COMPANY INC** **1365 BROADWAY NE** **SALEM, OR 97301** **Site 4 of 5 in cluster AG**	**RCRA-CESQG** **FINDS** **MANIFEST** **VCP** **HSIS** **ECSI**	**1000140572** **ORD046391199**

Relative:
Higher

Actual:
156 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2004
Facility name:	C E MILLER COMPANY INC
Facility address:	1365 BROADWAY NE SALEM, OR 97303
EPA ID:	ORD046391199
Mailing address:	1365 BROADWAY ST NE SALEM, OR 97303
Contact:	RHON MEIER
Contact address:	1365 BROADWAY ST NE SALEM, OR 97303
Contact country:	US
Contact telephone:	503 363-9271
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	C.E. MILLER COMPANY INC
Owner/operator address:	1365 BROADWAY NE SALEM, OR 97303
Owner/operator country:	US
Owner/operator telephone:	503-363-9271
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/14/1953
Owner/Op end date:	Not reported
Owner/operator name:	C E MILLER COMPANY INC
Owner/operator address:	1365 BROADWAY ST NE SALEM, OR 97303
Owner/operator country:	US
Owner/operator telephone:	(503) 363-9271
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	09/29/2000
Owner/Op end date:	Not reported

C E MILLER COMPANY INC (Continued) **1000140572**

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 12/31/2003
Facility name: C E MILLER COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/13/2003
Facility name: C E MILLER COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/22/2002
Facility name: C E MILLER COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/22/2001
Facility name: C E MILLER COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/29/2000
Facility name: C E MILLER COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: NA
Waste name: NA

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/02/2005
Date achieved compliance: 06/10/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 05/11/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

C E MILLER COMPANY INC (Continued) **1000140572**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 03/02/2005
Date achieved compliance: 06/10/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 05/11/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/02/2005
Date achieved compliance: 06/10/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 05/11/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/01/2011
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/02/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 06/10/2005
Evaluation lead agency: State

Evaluation date: 03/02/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: State Statute or Regulation
Date achieved compliance: 06/10/2005
Evaluation lead agency: State

Evaluation date: 03/02/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Used Oil - Generators
Date achieved compliance: 06/10/2005
Evaluation lead agency: State

FINDS:

C E MILLER COMPANY INC (Continued) **1000140572**

Registry ID: 110004783002

Environmental Interest/Information System

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.

OR MANIFEST:

Manifest Year:	Manifest Year - 2004
EPA Id:	ORD046391199
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Rhon
Contact Last Name:	Meier
Contact Telephone Number:	503 363-9271
Mailing Address:	1365 Broadway St NE
Mailing City:	Salem
Mailing State:	OR
Mailing Zip:	97303

VCS:

ECS Site ID:	4429
CRL:	NFA
Facility Size:	Not reported
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	09/27/2007
End Date:	09/27/2007
Project Manager Name:	Seth Sadofsky
Program:	ICP

HSIS:

Facility Id:	015913
Chemical Is Extremely Hazardous Substance (EHS):	No
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	Yes
Contains 112R:	No
NAICS Code 1:	811121
NAICS Desc 1:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	RHON MEIER
Business Phone:	5033639271
Mailing Address:	1365 BROADWAY ST NE
Mailing City,St,Zip:	SALEM, OR 97303

C E MILLER COMPANY INC (Continued) **1000140572**

No. of Employees: 14
Day Phone: 5033639271
Placard: No
Fire Dept Code: 0321
Sprinkler System: No
Emergency Contact: RHON MEIER
Emergency Procedure: COFFEE RM IN OFFICE
Business Type: BODY REPAIR

Facility:

Facility Id:	015913
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	00
Maximum Amount Possessed During The Year Code:	00
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	F
Temperature Description:	CAN
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	0-4
Description Of The Avg Qnty Code:	0-4
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1263
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1263
Chemical Abstract Service Identifier Number:	64742478
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported

Contains 112R: Not reported
Contains EHS: Not reported

C E MILLER COMPANY INC (Continued) **1000140572**

Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

Facility Id: 015913
Physical State Of The Substance: 3
Physical State: GAS
Average Amount Possessed During The Year Code: 03
Maximum Amount Possessed During The Year Code: 03
Applicable Unit Of Measure Code: 1
Description Of The Unit Of Measure: POUNDS
Type Code: L
Description: CYLINDER
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 2
Pressure Description: GREATER THAN NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 20-49
Description Of The Avg Qnty Code: 20-49
Most Hazardous Ingridient: 1,1,1,2-TETRAFLUOROETHANE
United Nations/north America 4 Digit Class Number: 3159
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Non-flammable Gas
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 2.2
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 3159
Chemical Abstract Service Identifier Number: 811972
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Acute Health Hazard
Second Hazardous Class Code For Chemical: Non-flammable Gas
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 6.3
Hazard Class 2 Of The Chemical: 2.2
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

C E MILLER COMPANY INC (Continued) **1000140572**

Facility Id:	015913
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	00
Maximum Amount Possessed During The Year Code:	01
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5-9
Description Of The Avg Qnty Code:	0-4
Most Hazardous Ingridient:	ACETONE
United Nations/north America 4 Digit Class Number:	1090
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1090
Chemical Abstract Service Identifier Number:	67641
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

Facility Id:	015913
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04

C E MILLER COMPANY INC (Continued) **1000140572**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Facility Id:	015913
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	00
Maximum Amount Possessed During The Year Code:	01
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	Not reported

C E MILLER COMPANY INC (Continued) **1000140572**

Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5-9
Description Of The Avg Qnty Code:	0-4
Most Hazardous Ingridient:	MINERAL SPIRITS
United Nations/north America 4 Digit Class Number:	1263
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1263
Chemical Abstract Service Identifier Number:	8052413
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

ECSI:

State ID Number:	4429	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	5358	Further Action:	0
Lat/Long (dms):	44 57 10.51 / -123 1 48.01	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	500 and 400	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	SSADOFS	Update Date:	10/05/2007

C E MILLER COMPANY INC (Continued) **1000140572**

Narrative:

NARR ID: 5748928
NARR Code: Site Contacts
Created By: SSADOFS
Created Date: 01/19/2007
Updated By: SSADOFS
Updated Date: 07/19/2007
NARR Comments: Mr. Kevin Crow Mr. Rhon Mier CE Miller Auto Body 1365 Broadway N.E. Salem Oregon 97303 Tim O'Gara, R.G. Consulting Hydrogeologist 24735 South Central Point Road Canby, Oregon 97013

NARR ID: 5746727
NARR Code: Contamination
Created By: MENGLIS
Created Date: 06/14/2005
Updated By: MENGLIS
Updated Date: 06/14/2005
NARR Comments: BTEX, acetone, VOCs

NARR ID: 5748929
NARR Code: Disposals
Created By: SSADOFS
Created Date: 01/19/2007
Updated By: SSADOFS
Updated Date: 05/29/2007
NARR Comments: (1/18/07 SJS/ICP) 4.65 Tons of contaminated soil were removed on September 7, 2005.

NARR ID: 5748930
NARR Code: Data Sources
Created By: SSADOFS
Created Date: 01/19/2007
Updated By: SSADOFS
Updated Date: 05/29/2007
NARR Comments: ICP report by Tim O'Gara 9 September, 2005.
Supplemental report of additional borings, May 15, 2007 by Tim O'Gara.

NARR ID: 5748931
NARR Code: Hazardous Substance/Waste Types
Created By: SSADOFS
Created Date: 01/19/2007
Updated By: SSADOFS
Updated Date: 01/19/2007
NARR Comments: It is believed that solvents and paint waste have been improperly handled in the past.

NARR ID: 5748933
NARR Code: Land Use (Current/Reasonably Likely)
Created By: SSADOFS
Created Date: 01/19/2007
Updated By: SSADOFS
Updated Date: 01/19/2007
NARR Comments: Site is in an urban area with residences nearby.

C E MILLER COMPANY INC (Continued) **1000140572**

NARR ID: 5746726
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 06/14/2005
Updated By: SSADOFS
Updated Date: 08/06/2007
NARR Comments: (6/14/05 PSR/SAS) Site was referred to site assessment from hazardous waste section based on oil contamination from leaking drums.
(1/18/07 SJS/ICP) Signed ICP agreement received by DEQ. ICP report received in September 2006. Report reviewed and letter sent requesting further information. One direct-push core showed levels of benzene and xylenes in soil above RBCs; this soil was removed.
(4/2/07 SJS ICP) Agreed that additional confirmation sampling is r equired, will be carried out by consultant working for CE Miller.
(7/18/07 SJS/ICP) Confirmation sampling on either side of removal shows that all known contaminants are below applicable RBCs. NFA has been proposed and public comments requested between August 1 and August 31.

NARR ID: 5748934
NARR Code: Water Use (Current/Reasonably Likely)
Created By: SSADOFS
Created Date: 01/19/2007
Updated By: SSADOFS
Updated Date: 01/19/2007
NARR Comments: Site and surrounding properties are connected to municipal water supply.

NARR ID: 5748932
NARR Code: Site History
Created By: SSADOFS
Created Date: 01/19/2007
Updated By: SSADOFS
Updated Date: 01/19/2007
NARR Comments: Feb, 2005 sewer workers discovered solvent smell and collected soil samples which showed ethylbenzyne, ttoluene and xylenes.
Hazardous waste inspection on March 2, 2005 found hazardous waste an d used oil violations.

Administrative Action:

Admin ID:	730427	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/14/2005	Complete Date:	06/14/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/14/2005
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	730428	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region

C E MILLER COMPANY INC (Continued) **1000140572**

Start Date:	06/14/2005	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	632	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/14/2005
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	730717	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/08/2005	Complete Date:	08/15/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	566	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	07/26/2005
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	731008	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/09/2005	Complete Date:	Not reported
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	True
Created By:	MENGLIS	Created Date:	09/12/2005
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	(1/19/2007 SJS/ICP) Report reviewed and letter sent requesting further information.		

Admin ID:	734434	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/27/2007	Complete Date:	09/27/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	10/05/2007
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	Not reported		

Admin ID:	733972	Action ID:	9440
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/28/2006	Complete Date:	12/28/2006
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	05/29/2007
Action Code:	LTAG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Letter Agreement		
Further Action:	0		

C E MILLER COMPANY INC (Continued) **1000140572**

Comments: Not reported

Admin ID:	734169	Action ID:	9415
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/02/2007	Complete Date:	05/15/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	True
Created By:	SSADOFS	Created Date:	07/19/2007
Action Code:	CS	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	CONFIRMATION SAMPLING		
Further Action:	0		
Comments:	Not reported		

136
NW
1/4-1/2
0.480 mi.
2536 ft.

HEATING OIL TANK **LUST** **S105154669**
1555 BEAUMONT ST NW **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
300 ft.

LUST:

Region:	Western Region
Facility ID:	27-01-8187
Cleanup Received Date:	10/11/2001
Cleanup Start Date:	10/10/2001
Cleanup Complete Date:	**12/28/2001**

AB137
SE
1/4-1/2
0.483 mi.
2552 ft.

CITY OF SALEM CONSTRUCTION **LUST** **S111332478**
333 HIGH ST NE **N/A**
SALEM, OR 97301

Site 5 of 5 in cluster AB

Relative:
Higher

Actual:
159 ft.

LUST:

Region:	Western Region
Facility ID:	24-11-0942
Cleanup Received Date:	09/13/2011
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

138
NNW
1/4-1/2
0.484 mi.
2553 ft.

HEATING OIL TANK **LUST** **S110292684**
1815 NW WALLACE RD **N/A**
SALEM, OR 97304

Relative:
Higher

Actual:
187 ft.

LUST:

Region:	Western Region
Facility ID:	27-10-0169
Cleanup Received Date:	03/07/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**05/11/2010**

AG139 ENE 1/4-1/2 0.484 mi. 2558 ft.

VANCE TINSETH
1415 BROADWAY STREET NE
SALEM, OR 97303

LUST **U003765712**
UST **N/A**

Site 5 of 5 in cluster AG

Relative: Higher

Actual: 156 ft.

LUST:

Region:	Western Region
Facility ID:	24-01-4005
Cleanup Received Date:	03/07/2001
Cleanup Start Date:	03/06/2001
Cleanup Complete Date:	**09/30/2005**

UST:

Facility ID:	12067
Facility Telephone:	(503) 362-2374
Permittee Name:	VANCE TINSETA, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

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140 South 1/4-1/2 0.485 mi. 2562 ft.

SALEM CONVERTING
315 COMMERCIAL ST SE
SALEM, OR 97301

SPILLS **S105613656**
INST CONTROL **N/A**
VCP
BROWNFIELDS
ECSI

Relative: Higher

Actual: 153 ft.

OR SPILLS:

Year:	Not reported
Facility ID:	04-0223
Spill Date:	Not reported
Material:	Diesel fuel
Quantity:	1
Unit of Measure:	Gallons
How Occurred:	Not reported
Release Date:	01/27/2004
Description:	DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location:	Not reported
Lat/Long:	44.9382 / -123.0418
Source:	Container
Material:	Not reported
Media:	Coding for the PS/BC Oil Spill Database
Responsible Company:	Boise Paper Solutions
Responsible Contact:	Terese Spauer
Responsible Address:	315 Commercial St SE
Responsible City,St,Zip:	Salem, OR 97301-3428
Responsible Country:	MARION

Year:	Not reported
Facility ID:	04-0223
Spill Date:	Not reported
Material:	Diesel fuel

SALEM CONVERTING (Continued) **S105613656**

Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: Not reported
Spill Date: Not reported
Material: Not reported
Quantity: 0
Unit of Measure: Not reported
How Occurred: Not reported
Release Date: / /
Description: Not reported
Location: Not reported
Lat/Long: Not reported
Source: Not reported
Material: Not reported
Media: Not reported
Responsible Company: Not reported
Responsible Contact: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported
Responsible Country: Not reported

Year: Not reported
Facility ID: 09-1411
Spill Date: Not reported
Material: Not reported
Quantity: 5
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 06/26/2009
Description: Staton Demolition reported the release of 5 gallons of hydraulic fluid to Pringle Creek at the Boise Cascade construction site. Booms were applied to seen, leak source has been stopped. City of Salem Environmental Services responded to the scene.
Location: Not reported
Lat/Long: 44.936 / -123.0507
Source: Business

SALEM CONVERTING (Continued) **S105613656**

Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Staton Demolition
Responsible Contact: Ron Richey
Responsible Address: PO Box 7515
Responsible City,St,Zip: Eugene, OR 97401-0020
Responsible Country: LANE

Year: Not reported
Facility ID: 09-1411
Spill Date: Not reported
Material: Not reported
Quantity: 5
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 06/26/2009
Description: Staton Demolition reported the release of 5 gallons of hydraulic fluid to Pringle Creek at the Boise Cascade construction site. Booms were applied to seen, leak source has been stopped. City of Salem Environmental Services responded to the scene.
Location: Not reported
Lat/Long: 44.936 / -123.0507
Source: Business
Material: Not reported
Media: Not reported
Responsible Company: Staton Demolition
Responsible Contact: Ron Richey
Responsible Address: PO Box 7515
Responsible City,St,Zip: Eugene, OR 97401-0020
Responsible Country: LANE

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

SALEM CONVERTING (Continued) **S105613656**

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1

SALEM CONVERTING (Continued) **S105613656**

Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL. TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.
Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

Year: Not reported
Facility ID: 04-0223
Spill Date: Not reported
Material: Diesel fuel
Quantity: 1
Unit of Measure: Gallons
How Occurred: Not reported
Release Date: 01/27/2004
Description: DIESEL SPILL OF LESS THAN ONE GALLON. SHEEN SEEN IN PARKING LOT. CITY OF SALEM ENVIRONMENTAL SERVICES CONTAINED AND STABILIZED THE SPILL.

SALEM CONVERTING (Continued) **S105613656**

TOLD THE CALLER THAT IT MAY HAVE ENTERED THE STORM DRAIN.FIRST STIKE ENVIRONMENTAL, 541-438-0754, WILL BE SENDING SOMEONE ONSITE IN THE MORNING, SINCE THERE IS NO DISCOLORATION TO THE ABSORBENTS THAT WERE PUT OUT. OUT FALL OF THE STORM DRAIN IS PRINGLE CREEK AND THEN TO WILLAMETTE RIVER. SALEM ENVIRO PUT AN ABSORBENT BAG INTO THE DRAIN.

Location: Not reported
Lat/Long: 44.9382 / -123.0418
Source: Container
Material: Not reported
Media: Not reported
Responsible Company: Boise Paper Solutions
Responsible Contact: Terese Spauer
Responsible Address: 315 Commercial St SE
Responsible City,St,Zip: Salem, OR 97301-3428
Responsible Country: MARION

OR INSTUTIONAL CONTROL:

Site Control Sequence #: 550
Site Id: 355
Control Sequence #: 5
Begin Date: 03/28/2000
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Mary Camarata, DEQ
Last Review Date: 03/15/2009
Last Updated By: GWISTAR
Last Updated Date: 06/08/2009
Group Sequence #: 2
Control Code: USL
Control Description: Use Restriction Land
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Property suitable only for industrial uses unless further investigation and possibly remedial actions are completed.

VCS:

ECS Site ID: 355
CRL: SUS
Facility Size: 70 acres
Action: Prospective Purchaser Agreement
Start Date: 01/08/2013
End Date: Not reported
Project Manager Name: Susan Turnblom
Program: VCP

ECS Site ID: 4427
CRL: NFA
Facility Size: Approx. 13
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 05/01/2007
End Date: 06/13/2007
Project Manager Name: Angie Obery
Program: ICP

SALEM CONVERTING (Continued) **S105613656**

OR BROWNFIELDS:
Geolocation Id: 60621
Status: NO FURTHER STATE ACTION REQUIRED
Lat/Long: 44.9382 / -123.041

ECSI:

State ID Number:	355	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	98197	Further Action:	258
Lat/Long (dms):	44 56 9.60 / -123 3 2.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	200	Size:	70 acres
NPL:	False	Orphan:	False
Updated By:	MROSENB	Update Date:	03/23/2011
Alias Name:	Minto-Brown Site		

Hazardous Release:
Substance ID.: 121664
Haz Release ID: 382086
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-38-2
Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Sampling Result ID: 340691
Feature Id: Not reported
Hazard Release Id: 382086
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .34
Sample Comment: Not reported

SALEM CONVERTING (Continued) **S105613656**

Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121665
Haz Release ID: 382087
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-39-3
Substance Name: BARIUM
Substance Abbrev.: Not reported
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319287
Sub Alias Name: BA
Sampling Result ID: 340692
Feature Id: Not reported
Hazard Release Id: 382087
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: 3.30
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999
Sampling Result ID: 340693
Feature Id: Not reported
Hazard Release Id: 382087
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: 3.30
Sample Comment: Not reported
Last Update By: btm

SALEM CONVERTING (Continued) **S105613656**

Update Date: 07/26/1999

Substance ID.: 121668
Haz Release ID: 382088
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7440-43-9
Substance Name: CADMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319291
Sub Alias Name: CD
Sampling Result ID: 340694
Feature Id: Not reported
Hazard Release Id: 382088
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .00
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121643
Haz Release ID: 382089
Qty Released: Not reported
Date Released: Not reported
Update Date: 07/26/1999
Update By: Not reported
Substance Code: 7439-97-6
Substance Name: MERCURY
Substance Abbrev.: Not reported
Substance Category ID: 8467
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8467
Substance Category: Inorganics

SALEM CONVERTING (Continued) **S105613656**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
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
Sampling Result ID: 340695
Feature Id: Not reported
Hazard Release Id: 382089
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .00
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121671
Haz Release ID: 383793
Qty Released: unknown
Date Released: continuous
Update Date: 07/09/1988
Update By: Not reported
Substance Code: 7440-47-3
Substance Name: CHROMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318145
Sub Alias Name: CHROMIUM, INORGANIC
Substance Alias ID: 319294
Sub Alias Name: CHROMIUM, TOTAL
Comment ID: 303954
Release Code: Data Sources
Release Comments: Geohydrologic Study by Russ Fetrow Engineering; rec'd by DEQ 6/86
Sampling Result ID: 346254
Feature Id: Not reported

SALEM CONVERTING (Continued) **S105613656**

Hazard Release Id: 383793
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .72
Sample Comment: Not reported
Last Update By: btm
Update Date: 07/26/1999

Substance ID.: 121639
Haz Release ID: 385645
Qty Released: unknown
Date Released: continuous
Update Date: 07/09/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303953
Release Code: Data Sources
Release Comments: Geohydrologic Study by Russ Fetrow Engineering; rec'd by DEQ 6/86
Sampling Result ID: 346255
Feature Id: Not reported
Hazard Release Id: 385645
Medium: 698
Substance Abbrev.: Not reported
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1983
End Date: 01/31/1985
Min Concentration: .00
Max Concentration: .70
Sample Comment: 0.05 ppm
Last Update By: btm
Update Date: 07/26/1999

SALEM CONVERTING (Continued) **S105613656**

Narrative:

NARR ID: 5728675
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (9/7/88 MMD/SAS) Groundwater study conducted upon closure of the facility confirmed the presence of arsenic, barium, chromium, and lead above drinking water standards. Contamination may be result of leaching from gravels on Minto Island where Boise Cascade stored pulp liquor in an unlined pond. The contamination also causes a black band to appear in the Willamette River and Slough during each low-flow period. (7/26/99 BTM) The only analytical data available are monitoring well results (1983-1985) indicating no volatile organics and elevated metals concentrations. (1/5/00 M5M) Boise Cascade conducting a supplemental site assessment study of groundwater & clarifier solids to assess impacts. (3/28/00 M5M) Analytical results from soil and groundwater samples indicate no elevated levels of metals, PAHs or dioxins are present at the site. Pond sludge appears to have completely degraded.

NARR ID: 5752180
NARR Code: Data Sources
Created By: MCAMARA
Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: Minto Island Environmental Facilities Closure Plan Report, Amended, prepared by Russ Fetrow Engineers, dated September
1984.
Minto Island Environmental Facilities Closure Plan Report, Appendi
x, prepared by Russ Fetrow Engineers, dated September
1984.
Internal Memorandum, Analystical Data Reports, prepared by Barr, d
ated December 13,
1999 Expanded Preliminary Assessment, prepared by Barr, dated March
Not reported
2000.
Phase I Environmental Site Assessment, Boise Cascade Minto Island
Industrial Property, prepared by CH2M Hill, January
2007.
Supplemental Risk Evaluation, Boise Cascade Minto Island, prepared
by CH2M Hill, dated June 4,
2007.
Boise Cascade Minto Island Property Review of June 4, 2007 Supplem
ental Risk Evaluation, Boise Cascade Minto Island, prepared by
GeoEngineers, dated November 29,
2007.
Boise Cascade Minto Island Property Environmental Review and Data
Gap Analysis, prepared by GeoEngineer, dated December 3,
2007.
Response to GeoEngineers Comments, prepared by CH2M Hill, dated Fe
buary 10,
2008.
Strategy Recommendation by DEQ, dated July 29, 1999. Site Sum
mary Report, by DEQ, dated March 23, 2000.

SALEM CONVERTING (Continued) **S105613656**

NARR ID: 5728676
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: heavy metals - chromium, lead,
mercury dioxins in sediment ammonia in buried sludge

NARR ID: 5752182
NARR Code: Project Issues Summary
Created By: MCAMARA
Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/21/2010
NARR Comments: In 1987, the treatment ponds were closed, and the Water Quality Program issued a closure letter with conditions. In 1999, the Site Assesment Program evaluated the site for residual contamination and ranked it a high priority for further evaluation.
From in early 2000, Boise Cascade conducted a site evaluation. In April 2000, the Cleanup Program issued a conditional NFA for industrial site uses.
In 2007, Boise Cascade collected samples to obtain site closure fo r un-restricted use as park. In 2008, DEQ requested additonal samples and site information. Boise Cascade elected to leave the Cleanup Program and work independently.

NARR ID: 5748591
NARR Code: Site Location
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: MENGLIS
Updated Date: 09/05/2006
NARR Comments: Boise Cascade?s Minto Island site occupies approximately 70 acres on the northern tip of Minto Island and is bordered by the Willamette Slough to the east, and the Willamette River to the northwest. The closed Boise Cascade mill (ECSI #4427) is located directly across the slough from the site.

NARR ID: 5728677
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Practice of storing pulp mill liquors in unlined ponds on island.
Time of release: 1960-1985. Waste also included clarifier solids; clarifier treated bleach plant wastewater and sulfite pulping liquor.
ASB Ponds discharged to Willamette River via an NPDES discharge prior to 1982. Seepage from the ponds to the Willametter River and Willamette Slough continued after inflow to the ponds ceased. Water discoloration in the Willamette Slough was visible until approximately 1996.

NARR ID: 5752179
NARR Code: Media Contamination
Created By: MCAMARA

SALEM CONVERTING (Continued) **S105613656**

Created Date: 05/19/2010
Updated By: MCAMARA
Updated Date: 05/19/2010
NARR Comments: Metals were detected in groundwater.
Metals were detected in soil and sludge. Dioxins were detected in s oil, sludge, and sediments.

NARR ID: 5728678
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 05/21/2010
NARR Comments: (9/7/88 MMD/SAS) Proper closure of industrial solid waste site; removal of sludges and closure of emergency holding pond; measurement of sludge in 2 aeration basins; removal of asbestos, liquid and solid wastes and PCBs remaining in pulp mill complex; comprehensive groundwater study.
(2/11/94 DMC/SAS) Site needs to be screened by Western Region Site Assessment Staff to determine if it meets the confirmed release definition.
(7/26/99 BTM) No confirmation samples from the emergency holding p ond were collected after sludge removal. Sludges were not removed from the other two ponds. Solids from the same source as the sulfite pulp liquor also present in two adjacent burial areas. No characterization of wastes has been conducted. High priority for an Expanded Preliminary Assessment (XPA).
(1/5/00 M5M) Boise Cascade conducting a supplemental site assessme nt study through Cleanup Program to evaluate current site conditions & assess environmental impacts of facility. Study to include groundwater sampling and soil sampling from the solids burial area and former emergency holding pond.
(3/28/00 M5M/VCS) Groundwater and soil sampling do not indicate an y impact or threat to human health or the environment given current site conditions (industrial use) and maintaining of permit closure requirements. No further action required at this time for Minto-Brown Site. (The Willamette River and Willamette Slough were not evaluated during the supplemental site assessment in 2000.)
2/29/08 M2C/ICP) - Summary of Site There are currently 3 areas wi th caps covering waste: the Emergency Holding Pond, the Buried Solids Area, and the Old Landfill. In addition, there is a 50 million-gallon (MG) pond containing less than 1 foot of solids and about 5 feet of water, and there is a 100-MG pond containing less than 1 foot of solids and no water. The vegetation looks stressed or is absent in some areas of the 100-MG pond.
Boise Cascade has closed down plant operation and sold the downtow n portion of the mill site. Boise has put the Minto-Brown site on the market. Oregon State Parks is considering purchasing the property if the Minto-Brown site is safe for recreatational and ecological users.
In February 2007 Boise Cascade sampled areas outside of Boise Casc ade operations, the 50-MG pond solids, the 50-MG pond water, the 100-MG pond solids/soil, the Buried Solids Area cap, and the Old Landfill cap. The purpose of the sampling was evaluate the site for change in use from a industrial site to a park.
Boise Cascade summerized the analytical results in the Supplementa

SALEM CONVERTING (Continued) **S105613656**

l Risk Evaluation, Boise Cascade, Minto Island Report prepared by CH2M Hill and dated June 4, 2007.

DEQ provided response comments on August 1, 2007. DEQ requested ad ditional information about the completeness of the sampling. Boise Cascade responded to DEQ comments on September 2007 and provided additional information on how samples were collected and a 1984 closure plan.

DEQ evaluted the new information including reports and proposed si te use. DEQ prepared a memo dated January 18, 2008 on data gaps on the upland portion of Minto-Brown, the Willamette River, and the Willamette Slough. Boise Cascade did not agree with DEQ assessment and summarized their response in a February 10, 2008 Memo prepared by CH2M Hill.

On February 11, 2008 Boise Cascade terminated the cleanup agreeme nt with DEQ. DEQ closed out the project as of February 29, 2008 and has not responded to Boise-Cascade's last memo.

(5/22/08 M2C) Oregon State Parks continues to negotiate with Boise Cascade to complete upland sampling and possible sampling of the Willamette River and Willamette Slough.

Boise Cascade elected not to collected additional samples to obtai n an un-restricted NFA and the potential property transaction with Oregon Parks was cancelled. The conditional NFA for industrial uses with permit closure requirement is still in effect. The supplemental data collected in 2007 indicated that a recreational path providing access to City's park would not prose a risk to people. Access should be restrict to areas not on recreational path.

The City of Salem is working with Boise Cascade to obtain an easem ent for a recreational path through the industrial area on the island to the City's park. Boise Cascade would like to drain the 50-MG pond for safety reasons prior to granting an easement to the City.

(5/19/10 M2C) DEQ evaluated the site using environmental informati on provided after the 2000 conditional NFA was issued. A new Site Assessment Priorization System (SAPs) score was completed by staff. The site ranks a medium priorty for additonal site characterization in the following
areas:
1) potential impacts to surface water and sediments in the Willamett e River and Willamette Slough from residual contamination in the capped areas and treatment ponds,
and 2) upland areas partially evaluated by Boise Cascade.

NARR ID: 5752188
NARR Code: 1922
Created By: MCAMARA
Created Date: 05/21/2010
Updated By: GWISTAR
Updated Date: 06/17/2010
NARR Comments: [May 2010] On Minto-Brown Island, Boise Cascade used wastewater stabilization basins to treat process mill waste, and constructed other solid waste disposal sites. The associated permits were closed in the 1980s. The closure requirements included maintaining caps on the solid waste disposal sites and maintaining water levels in the stabilization basins sufficiently above the sludge layer to prevent odors. At that time, DEQ noted that impacts to groundwater, the Willamette River, and the Willamette Slough would likely continue for decades.

In 2000 and 2007, samples were collected in industrial areas of th

SALEM CONVERTING (Continued) **S105613656**

e site, to evaluate residual contamination. The site received a conditional NFA for industrial site use in 2000. Conditions on the NFA included: 1) limiting the site to industrial use; 2) maintaining caps; and 3) restricting site access to a proposed recreational walking path that is protective for recreational users and for future occupational
workers.
Due to historical releases from the wastewater stabilization basin s to the Willamette River and Willamette Slough, more assessment is required in both water bodies.

Site Control:

Site Control #:	550
Control Number:	5
Begin Date:	03/28/2000
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Mary Camarata, DEQ
Last Reviewed Date:	03/15/2009
Last Update By:	GWISTAR
Last Updated Date:	06/08/2009
Site Comment:	Property suitable only for industrial uses unless further investigation and possibly remedial actions are completed.

Administrative Action:

Admin ID:	706416	Action ID:	9419
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/28/2000	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	DNTL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Decision Not to List Site (on the CRL or Inventory)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707252	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/04/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707253	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/29/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		

SALEM CONVERTING (Continued) **S105613656**

Further Action: Not reported
Comments: Not reported

Admin ID:	707254	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/29/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	707372	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/28/1999	Complete Date:	07/28/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	721914	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707605	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/05/1999	Complete Date:	11/05/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724001	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002

SALEM CONVERTING (Continued) **S105613656**

Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718318	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/07/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	708786	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/04/1999	Complete Date:	07/29/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705682	Action ID:	9428
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/12/1999	Complete Date:	11/12/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EXTR	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Extension requested by owner/operator		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705683	Action ID:	9430
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/16/1999	Complete Date:	12/16/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	GRNT	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Petition or request granted		
Further Action:	Not reported		
Comments:	Extension granted until February 11, 2000.		

Admin ID:	705768	Action ID:	9442
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/15/1999	Complete Date:	01/14/2000

SALEM CONVERTING (Continued) **S105613656**

Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NEG	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NEGOTIATIONS		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705769	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/15/1999	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	0
Employee Id:	516	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	706225	Action ID:	9451
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/03/2000	Complete Date:	03/03/2000
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	OOCL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Owner/operator comments received on listing notification		
Further Action:	Not reported		
Comments:	Comments from Allan E. Cawrse; Boise Cascade along with an Expanded Preliminary Assessment prepared for Boise Cascade by BARR, March 2000.		

Admin ID:	734936	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/28/2000	Complete Date:	03/28/2000
Substance Code:	VCP	Rank Value:	Not reported
Employee Id:	516	Cleanup Flag:	False
Created By:	MCAMARA	Created Date:	02/28/2008
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Action (Conditional)		
Further Action:	0		
Comments:	The NFA is based on industrial use.		

Operations:

Operation Id:	131777
Operation Status:	Inactive
Common Name:	Boise Cascade - Minto Island
Yrs of Operation:	Not reported
Comments:	Sulfite pulp and paper mill
Updated Date:	03/16/1995
Operations SIC Id:	195313
SIC Code:	2611
Created By:	Not reported
Created Date:	12/17/2002
Operations SIC Id:	195314

SALEM CONVERTING (Continued) **S105613656**

SIC Code: 2621
Created By: Not reported
Created Date: 12/17/2002

State ID Number:	4427	Brown ID:	Brownfield Site - DEQ Tech Assistance
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	60621	Further Action:	0
Lat/Long (dms):	44 56 17.50 / -123 2 30.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	See Narrative	Size:	Approx. 13 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	08/22/2007

Narrative:

NARR ID: 5746718
NARR Code: Contamination
Created By: MENGLIS
Created Date: 06/09/2005
Updated By: MENGLIS
Updated Date: 06/09/2005
NARR Comments: TPH in soil and groundwater from former Bunker C AST. Residual oil at base of water-bearing zone (~25 ft bgs) 25 feet radius from tank. Low TPH in groundwater near the tank. Some low concentration metals in soil.

NARR ID: 5749621
NARR Code: General Site Description
Created By: GWISTAR
Created Date: 08/22/2007
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The site is bounded by the Willamette River and the Willamette Slough to the west, a City of Salem park to the north, Commercial Street SE and the Salem Convention Center to the east, and Bellevue Street and a furniture store to the south. Adjacent properties are developed for commercial and industrial uses.

NARR ID: 5746719
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 06/09/2005
Updated By: MENGLIS
Updated Date: 06/09/2005
NARR Comments: TPH-dx, Arsenic, Barium, Chromium, Lead, Manganese

NARR ID: 5748592
NARR Code: Site Location
Created By: MENGLIS
Created Date: 09/05/2006
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The site consists of the following tax lots: 300, 701, 801, 1490, 1700, 2000, 2100, 3000, and 3100.

SALEM CONVERTING (Continued) **S105613656**

NARR ID: 5749530
NARR Code: Remedial Action
Created By: AOBERY
Created Date: 07/30/2007
Updated By: AOBERY
Updated Date: 07/30/2007
NARR Comments: In early 2007, Boise submitted a ICP Closure report for the Salem mill site. The investigation did not include the Minto-Brown Island properties. DEQ prepared a staff Report on April 23, 2007. The staff report was open for comments during the month of May. A public meeting was held in Salem on May 24, 2007 at the Pringle Hall Community Center. On June 13, 2007, DEQ issued a NFA for the Salem Mill Site.

NARR ID: 5749620
NARR Code: 1922
Created By: GWISTAR
Created Date: 08/22/2007
Updated By: GWISTAR
Updated Date: 08/22/2007
NARR Comments: The Boise Cascade Mill site in Salem consists of 13 acres located on the downtown Salem waterfront. The former paper mill was used most recently as a paper converting facility before the property was put on the market to be sold. Based on review of Boise Cascade's Independent Cleanup Pathway Final Report, DEQ determined in June 2007 that no further action was needed at the site.

Administrative Action:

Admin ID:	730414	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	06/09/2005	Complete Date:	06/09/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/09/2005
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	730415	Action ID:	9435
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/09/2005	Complete Date:	06/13/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	06/09/2005
Action Code:	ICP	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Independent Cleanup Program		
Further Action:	0		
Comments:	Not reported		

Admin ID:	734205	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/01/2007	Complete Date:	06/13/2007
Substance Code:	ICP	Rank Value:	Not reported
Employee Id:	2327	Cleanup Flag:	False
Created By:	AOBERY	Created Date:	07/30/2007

SALEM CONVERTING (Continued) **S105613656**

Action Code: NFA
Category: Remedial Action
Action Flag: True
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

141
ESE
1/4-1/2
0.488 mi.
2574 ft.

HEATING OIL TANK **LUST** **S100676160**
570 UNION ST NE **N/A**
SALEM, OR 97301

Relative:
Higher

Actual:
154 ft.

LUST:
Region: Western Region
Facility ID: 24-93-5120
Cleanup Received Date: 08/12/1993
Cleanup Start Date: 08/12/1993
Cleanup Complete Date: 07/02/1998

AF142
NNE
1/4-1/2
0.489 mi.
2584 ft.

HEATING OIL TANK **LUST** **S105154663**
2940 ISLAND VIEW DR N **N/A**
SALEM, OR 97303

Site 2 of 3 in cluster AF

Relative:
Lower

Actual:
136 ft.

LUST:
Region: Western Region
Facility ID: 24-01-8562
Cleanup Received Date: 12/10/2001
Cleanup Start Date: 12/07/2001
Cleanup Complete Date: 02/05/2002

AF143
NNE
1/4-1/2
0.495 mi.
2613 ft.

HEATING OIL TANK **LUST** **S111429713**
2955 ISLAND VIEW DR NE **N/A**
SALEM, OR 97303

Site 3 of 3 in cluster AF

Relative:
Lower

Actual:
135 ft.

LUST:
Region: Western Region
Facility ID: 24-11-1302
Cleanup Received Date: 12/23/2011
Cleanup Start Date: Not reported
Cleanup Complete Date: 01/27/2012

144 WSW 1/2-1 0.512 mi. 2705 ft.

Relative: Higher

Actual: 148 ft.

GNB TECHNOLOGIES
576 PATTERSON AVE
SALEM, OR 97304

RCRA NonGen / NLR
FINDS
OR CRL
UST
INST CONTROL
VCP
ECSI

1000119342
ORD009035684

RCRA NonGen / NLR:

Date form received by agency:	05/06/2002
Facility name:	GNB TECHNOLOGIES
Facility address:	576 PATTERSON AVE SALEM, OR 97304
EPA ID:	ORD009035684
Mailing address:	PO BOX 250 FRISCO, TX 95034
Contact:	SKIP MESHELLE
Contact address:	13806 NE AIRPORT WAY PORTLAND, OR 97230
Contact country:	US
Contact telephone:	(503) 362-3648
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GNB TECHNOLOGIES INC
Owner/operator address:	375 NORTHRIDGE ROAD ATLANTA, GA 30350
Owner/operator country:	US
Owner/operator telephone:	(770) 551-0300
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/06/2002
Owner/Op end date:	Not reported

Owner/operator name:	GNB TECHNOLOGIES INC
Owner/operator address:	375 NORTHRIDGE ROAD ATLANTA, GA 30350
Owner/operator country:	US
Owner/operator telephone:	(770) 551-0300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/06/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

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

GNB TECHNOLOGIES (Continued) **1000119342**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/20/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 05/19/2000
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/19/1999
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 04/01/1997
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/01/1996
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/02/1995
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/16/1994
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/24/1993
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 02/21/1992
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

Date form received by agency: 03/15/1990
Facility name: GNB TECHNOLOGIES
Site name: GNB INCORPORATED
Classification: Large Quantity Generator

Date form received by agency: 07/23/1982
Facility name: GNB TECHNOLOGIES
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980
Facility name: GNB TECHNOLOGIES
Classification: Not a generator, verified

GNB TECHNOLOGIES (Continued) **1000119342**

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	12/20/1990
Date achieved compliance:	07/05/1991
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	01/09/1991
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Evaluation Action Summary:

Evaluation date:	12/20/1990
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - General
Date achieved compliance:	07/05/1991
Evaluation lead agency:	State

FINDS:

Registry ID: 110002149390

Environmental Interest/Information System

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.

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

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.

CRL:

Facility ID:	358
Location ID:	1130
Status Code:	LIS
Facility Status:	No Further Action (Conditional)
Lat/Long:	44.9461 / -123.0561

UST:

Facility ID: 4338

GNB TECHNOLOGIES (Continued) **1000119342**

Facility Telephone: (503) 362-3647
Permittee Name: EARL PETERSON, PLANT MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

OR INSTUTIONAL CONTROL:
Site Control Sequence #: 175
Site Id: 358
Control Sequence #: 3
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Review Date: 09/01/1999
Last Updated By: GWISTAR
Last Updated Date: 07/17/2003
Group Sequence #: 2
Control Code: EES
Control Description: Easement Equitable Servitude
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: EE&S filed w/Polk County - restricts management of excavated soils, and limits land use options.

Site Control Sequence #: 176
Site Id: 358
Control Sequence #: 5
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Review Date: 09/01/1999
Last Updated By: GWISTAR
Last Updated Date: 08/15/2008
Group Sequence #: 2
Control Code: USL
Control Description: Use Restriction Land
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Site is limited to industrial or commercial use only.

VCS:
ECS Site ID: 358
CRL: LIS
Facility Size: 4 acres
Action: No Further Action (Conditional)
Start Date: 11/17/1999
End Date: 11/17/1999

GNB TECHNOLOGIES (Continued) **1000119342**

Project Manager Name: Marilyn Daniel
Program: VCP

ECSI:

State ID Number:	358	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Listed on the CRL/Inventory
FACA ID:	1130	Further Action:	0
Lat/Long (dms):	44 56 46.00 / -123 3 22.00	County Code:	27.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	21	Qtr Section:	Not reported
Tax Lots:	1100	Size:	4 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	12/06/2007
Alias Name:	Gould Battery		

Hazardous Release:

Substance ID.:	121982
Haz Release ID:	383796
Qty Released:	unknown
Date Released:	Unknown
Update Date:	01/09/1988
Update By:	Not reported
Substance Code:	ECD169
Substance Name:	DIESEL - FUEL OIL
Substance Abbrev.:	Not reported
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Comment ID:	303958
Release Code:	Data Sources
Release Comments:	DEQ observation 5-4-88
Sampling Result ID:	345137
Feature Id:	Not reported
Hazard Release Id:	383796
Medium:	703
Substance Abbrev.:	Not reported
Unit Code:	Not reported
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	01/01/1993
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	2400 ppm
Last Update By:	CONV

GNB TECHNOLOGIES (Continued) **1000119342**

Update Date: 09/13/1994

Substance ID.: 121639
Haz Release ID: 383797
Qty Released: Unknown
Date Released: Unknown
Update Date: 01/09/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303957
Release Code: Data Sources
Release Comments: GNB Inc Letter and lab report-directed to DEQ on 11-19-85
Sampling Result ID: 346258
Feature Id: Not reported
Hazard Release Id: 383797
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/01/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1,800 ppm
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5728897
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: In 11/85, appproximately 5,000-6,000 lbs of lead oxide were released when a pressure valve on a delivery truck malfunctioned during unloading. Surface soil samples were subsequently collected around the site; up to 1,700 ppm lead was detected. DEQ gave provisional sign off after a partial cleanup was completed. In 5/88, an underground pipe was damaged, releasing diesel to subsurface soils. During cleanup, workers encountered a heating oil tank associated

GNB TECHNOLOGIES (Continued) **1000119342**

with the pipeline. GNB removed some petroleum-contaminated soils in 1988. In 2/91, DEQ notified GNB that the Dept. planned to conduct a PA and offered GNB the opportunity to do it themselves with VCP oversight. GNB entered the VCP in June 1991, submitted a PA and soil sampling plan in June 1991, implemented the plan in January 1993, and submitted the data report in March 1993. GNB decommissioned all battery manufacturing equipment and associated process lines in August and September 1993. They installed four groundwater monitoring wells in January 1994; installed a fifth well and collected additional soil samples in October 1994; and collected additional soil samples in September 1995 to complete the characterization. There appears to be limited lead contamination in subsurface soils and none in groundwater. Lead contaminated soils were removed to depths of approximately 3-8 ft in two smll areas at the site in June 1998. All 5 monitoring wells abandoned in June 1998. Residual concentrations of lead in soils do not exceed the Industrial Maximum Allowable Soil Concentration (2,000 mg/Kg). An Equitable Servitude and Easement was filed in Polk County as an attachment to the property deed in Sept. 1999 as notice re: the presence of lead above residential standards. Otherwise, no further action is required.

NARR ID: 5728898
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: ECP Files - WR Eugene

NARR ID: 5728899
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: lead oxide dust, diesel fuel

NARR ID: 5728900
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead oxide released when pressure valve of delivery truck malfunctioned (11/85); diesel released when underground heating oil tank line ruptured (5/88); battery manufacturing processes may have contributed to on-site lead releases (1945-1989).

NARR ID: 5728901
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Company changed ownership and name in early 1984 from Gould, Inc. to GNB Batteries, Inc.

GNB TECHNOLOGIES (Continued) **1000119342**

NARR ID: 5728902
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Lead is present above residential standards in on-site soils; but is not present in groundwater. The site is located in a residential neighborhood, although there are industrial sites adjacent to the facility.

NARR ID: 5728903
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/15/2008
NARR Comments: GNB has completed field activities to define the nature and extent of soil & groundwater contamination at the site. Soil removal was completed & monitoring wells abandoned in June 1998. Lead contamination remaining in on-site soils does not exceed 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. An Equitable Servitude and Easement was attached to the property deed in September 1999 and the site remains on the CRL and Inventory because of the residual lead in soils. In November 1999, DEQ determined that no further action was required.
(5/10/04 NHG/VCP) Current property owner contacted DEQ first week in May 2004 regarding commercial use of the property. Site has been cleaned up to industrial/commercial levels. DEQ concurred with commercial use, providing it was consistent with current zoning requirements. Concurrence documented in DEQ ECSI No. 358 files.

NARR ID: 5750634
NARR Code: 1922
Created By: GWISTAR
Created Date: 07/10/2008
Updated By: GWISTAR
Updated Date: 07/10/2008
NARR Comments: Soil removal was completed & monitoring wells abandoned in 1998. Lead contamination remaining in soil is below 2,000 mg/Kg and this is confined to small areas. There is no groundwater contamination. In November 1999, DEQ determined that no further action was required at the site, on the condition that site use remained industrial or commercial, and that a soil-management plan be developed in the event soil disturbance were anticipated in conjunction with redevelopment.

Site Control:
Site Control #: 175
Control Number: 3
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Reviewed Date: 09/01/1999
Last Update By: GWISTAR
Last Updated Date: 07/17/2003
Site Comment: EE&S filed w/Polk County - restricts management of excavated soils,

GNB TECHNOLOGIES (Continued) **1000119342**

and limits land use options.

Site Control #: 176
Control Number: 5
Begin Date: 09/01/1999
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Marilyn Daniel
Last Reviewed Date: 09/01/1999
Last Update By: GWISTAR
Last Updated Date: 08/15/2008
Site Comment: Site is limited to industrial or commercial use only.

Administrative Action:

Admin ID: 721785
Agency: Dept Of Environmental Quality
Start Date: 10/01/1992
Substance Code: VCS
Employee Id: 304
Created By: Not reported
Action Code: SI
Action Flag: True
Action: SITE INVESTIGATION
Further Action: Not reported
Comments: Not reported
Action ID: 9511
Region: Western Region
Complete Date: 06/30/1998
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Category: Remedial Action
Action Code Flag: False

Admin ID: 711448
Agency: Dept Of Environmental Quality
Start Date: 01/22/1997
Substance Code: SAS
Employee Id: 304
Created By: Not reported
Action Code: LSC
Action Flag: True
Action: Facility placed on Confirmed Release List
Further Action: Not reported
Comments: Not reported
Action ID: 9438
Region: Western Region
Complete Date: 01/22/1997
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Category: Listing Action
Action Code Flag: False

Admin ID: 711449
Agency: Dept Of Environmental Quality
Start Date: 01/22/1997
Substance Code: SAS
Employee Id: 304
Created By: Not reported
Action Code: LSI
Action Flag: True
Action: Facility placed on Inventory
Further Action: Not reported
Comments: Not reported
Action ID: 9439
Region: Western Region
Complete Date: 01/22/1997
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Category: Listing Action
Action Code Flag: False

Admin ID: 715237
Agency: Dept Of Environmental Quality
Start Date: 01/24/1991
Substance Code: SAS
Employee Id: 26
Created By: Not reported
Action Code: EV
Action Flag: True
Action ID: 9425
Region: Headquarters
Complete Date: 01/24/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Category: Remedial Action
Action Code Flag: False

GNB TECHNOLOGIES (Continued) **1000119342**

Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Admin ID:	715238	Action ID:	9497
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/24/1991	Complete Date:	01/24/1991
Substance Code:	SAS	Rank Value:	0
Employee Id:	26	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: Preliminary Assessment Equivalent recommended (PAE)
Further Action: Not reported
Comments: Not reported

Admin ID:	715383	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/02/1992	Complete Date:	03/02/1992
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: State Expanded Preliminary Assessment recommended (XPA)
Further Action: Not reported
Comments: Not reported

Admin ID:	723414	Action ID:	9431
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/25/1991	Complete Date:	Not reported
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	HOLD	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Place on hold
Further Action: Not reported
Comments: (Pending results of Groundwater investigation)

Admin ID:	723442	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/24/1991	Complete Date:	09/24/1991
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: q
Further Action: Not reported
Comments: Not reported

Admin ID:	703867	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/17/1999	Complete Date:	11/17/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False

GNB TECHNOLOGIES (Continued) **1000119342**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Action (Conditional)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	724884	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718303	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	705778	Action ID:	9434
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/01/1999	Complete Date:	09/01/1999
Substance Code:	VCP	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ICON	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Institutional Control		
Further Action:	Not reported		
Comments:	ES & E filed w/Polk County; restrictions on management of excavated soils, limits site to industrial use only.		

Admin ID:	710720	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/01/1993	Complete Date:	09/01/1993
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Not reported		
Comments:	GNB decommisioned all battery manufacturing equip. and associated process line s in 8/93 and 9/93.		

GNB TECHNOLOGIES (Continued) **1000119342**

Admin ID:	720897	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/25/1991	Complete Date:	09/14/1992
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	(Started by MJZ/SAS, transfered to VCS)		

Admin ID:	721320	Action ID:	9520
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/03/1992	Complete Date:	01/03/1993
Substance Code:	VCS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	XPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	EXPANDED PRELIMINARY ASSESSMENT		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713190	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713191	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/22/1996	Complete Date:	07/22/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	713288	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		

GNB TECHNOLOGIES (Continued) **1000119342**

Further Action: Not reported
Comments: Not reported

Admin ID:	713289	Action ID:	9467
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/10/1996	Complete Date:	10/10/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	131780
Operation Status:	Inactive
Common Name:	GNB Battery
Yrs of Operation:	1945 - 1997
Comments:	Auto & truck lead acid storage battery mfg plant 1945-1989; operated as warehs only; all battery mfg. equip & lines decommissioned 1993; vacated 1998
Updated Date:	09/26/2000
Operations SIC Id:	195317
SIC Code:	3691
Created By:	Not reported
Created Date:	12/17/2002
Operations SIC Id:	195318
SIC Code:	4953
Created By:	Not reported
Created Date:	12/17/2002

AE145 **CHARTER REALTY GROUP - PGE VAULT** **ECSI** **S108390968**
SSE **494 STATE ST.** **N/A**
1/2-1 **SALEM, OR 97301**
0.543 mi.
2865 ft. **Site 2 of 2 in cluster AE**

Relative:
Higher

Actual:
157 ft.

ECSI:

State ID Number:	4732	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	98573	Further Action:	258
Lat/Long (dms):	44 56 22.60 / -123 2 14.30	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	NWNE
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/15/2007

Hazardous Release:

Substance ID.:	121982
Haz Release ID:	386945
Qty Released:	Not reported
Date Released:	Oct 13 & 24, 2006
Update Date:	11/27/2006

CHARTER REALTY GROUP - PGE VAULT (Continued) **S108390968**

Update By: MENGLIS
Substance Code: ECD169
Substance Name: DIESEL - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 348984
Feature Id: 0
Hazard Release Id: 386945
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 11/05/2006
End Date: Not reported
Min Concentration: 3510.00
Max Concentration: 10800.00
Sample Comment: 3,510 - 10,800 ppm
Last Update By: MENGLIS
Update Date: 11/27/2006

Substance ID.: 121990
Haz Release ID: 386946
Qty Released: Not reported
Date Released: Oct 13 & 24, 2006
Update Date: 11/27/2006
Update By: MENGLIS
Substance Code: ECD201
Substance Name: HEATING - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8538
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8538
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 348985
Feature Id: 0
Hazard Release Id: 386946
Medium: 703
Substance Abbrev.: 0
Unit Code: 7

CHARTER REALTY GROUP - PGE VAULT (Continued) **S108390968**

Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: 4920.00
Max Concentration: 7360.00
Sample Comment: 4,920 - 7,360 ppm heavy oil
Last Update By: MENGLIS
Update Date: 11/27/2006

Narrative:

NARR ID: 5748761
NARR Code: Contamination
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS
Updated Date: 11/27/2006
NARR Comments: Potential contamination of basement and adjacent utility vault with fuel oil.

NARR ID: 5748764
NARR Code: Data Sources
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS
Updated Date: 11/27/2006
NARR Comments: OERS 2006-2512, October 5, 2006

NARR ID: 5748762
NARR Code: Hazardous Substance/Waste Types
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS
Updated Date: 11/27/2006
NARR Comments: diesel, heavy oil

NARR ID: 5748763
NARR Code: Remedial Action
Created By: MENGLIS
Created Date: 11/27/2006
Updated By: MENGLIS
Updated Date: 11/27/2006
NARR Comments: (11/27/06 JWG/SAS) OERS 2006-2512 Oil contamination removed on approximately 10/5/06 and 11/5/06 with a residual remainaing in the basement and bault. The source of the oil is not confirmed or controlled. Based on evidence of pipe in the sitewalk, a heating oil tank may be located in the city street and the City of Salem is trying to locate it.

Administrative Action:

Admin ID:	733031	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/27/2006	Complete Date:	11/27/2006
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	11/27/2006

CHARTER REALTY GROUP - PGE VAULT (Continued) **S108390968**

Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	733032	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	11/27/2006	Complete Date:	11/27/2006
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2314	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	11/27/2006
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Medium		
Comments:	Not reported		

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146 SE 1/2-1 0.565 mi. 2981 ft. **STATESMAN JOURNAL** **OR HAZMAT** **S105523479**
280 CHURCH ST. NE **ECSI** **N/A**
SALEM, OR 97301

Relative: Higher

Actual: 161 ft.

HAZMAT:

Responsble Party:	STATESMAN JOURNAL
RP Company:	STATESMAN JOURNAL
RP Address:	280 CHURCH STREET NE
RP City,St,Zip:	SALEM, OR 97301
Facility ID:	910321
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	0005886245

STATESMAN JOURNAL (Continued) **S105523479**

Osfm Incident Report Number:	910321
Dept. Responding:	SALEM FD
Person Making Report:	JAMES W RAK
Title:	FM
Agency:	SALEM FD
Phone:	0005886245
Date Of Incident:	08/19/1991
Call Time:	8:32:00 PM
In Route:	12:00:00 AM
Arrival:	8:34:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	9:31:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	107150
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Structure
Area Type:	Commercial
Responsible Party(Ies):	STATESMAN JOURNAL
Company:	STATESMAN JOURNAL
Respcontact:	Not reported
Address:	280 CHURCH STREET NE
Resp City:	SALEM
Resp State:	OR
Resp ZipCode:	97301
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	6057
Chemical Id:	35430
Incident Id:	910321
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL

STATESMAN JOURNAL (Continued) **S105523479**

Hazardous Ingredient: UNKNOWN CHEMICAL
Hazardous Class 1: 9.0
Hazardous Class 2: Not reported
Hazardous Rank: 2
Case Number: Not reported
UNNA Number: Not reported
EPA Pest Reg: Not reported
EHA Chem: Not reported
PSM Chem: Not reported
CAA 112R Chem: Not reported

Method:
Method Used Id: 1528
Incident Id: 910321
Identity Method: 6

Method Used Id: 4754
Incident Id: 910321
Identity Method: 5

Released:
Release Behavior Id: 3915
Incident Id: 910321
Behavior: 4

Narrative:
Narrative Id: 3501
Incident Id: 910321
Incident Narrative: ALL AGENCIES RESPONDED TO ON-GOING PROBLEM OF ODOR OF LEAKING GAS AT ABOVE ADDRESS. GAS ENTERED STRUCTURE & SANITARY SEWER. ER CREWS VENTILATED AND TURNED SCENE OVER TO GAS COMPANY CREWS TO LOCATE LEAK AND MAKE NECESSARY REPAIRS.
Incident Date: 8/19/1991

ECSI:

State ID Number:	725	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	5303	Further Action:	0
Lat/Long (dms):	44 56 28.00 / -123 2 3.80	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	22	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	06/12/2007

Hazardous Release:
Substance ID.: 121983
Haz Release ID: 385378
Qty Released: Unknown
Date Released: Sept. 1988
Update Date: 11/16/1988
Update By: Not reported

STATESMAN JOURNAL (Continued) **S105523479**

Substance Code: ECD173
Substance Name: GASOLINE
Substance Abbrev.: Not reported
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 304464
Release Code: Data Sources
Release Comments: WVR - Cheryll Woods
Sampling Result ID: 346604
Feature Id: Not reported
Hazard Release Id: 385378
Medium: 698
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: CONV
Update Date: 09/13/1994
Sampling Result ID: 346605
Feature Id: Not reported
Hazard Release Id: 385378
Medium: 703
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5726223
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 06/02/2003

STATESMAN JOURNAL (Continued) **S105523479**

NARR Comments:(9/20/00 BTM/SAS) Improper operation of hyraulic oil re-circulation system in freight elevator resulted in release, which was discovered as oil sheen on Willamette River. Occurred 1/18/00. Release of (reportedly) a maximum of 20 gallons in freight elevator shaft. Oil migrated from shaft to basement dewatering sump to City of Salem storm drain system to river.

NARR ID: 5726224
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:hydraulic oil

NARR ID: 5726225
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 06/02/2003
NARR Comments:Abandoned tank on property; time of release: Sept. 1988. (9/20/00 BTM/SAS) January 2000 release of (reportedly) a maximum of 20 gallons of hydraulic oil from freight elevator. Migrated from elevator shaft drain to basement dewatering sump to City storm drain system to Willamette River (approximately 0.5 miles northwest of site).

NARR ID: 5726226
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:surface water

NARR ID: 5726227
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:The release was reportedly limited to the concrete dewatering sump and storm drain system as it migrated to the Willamette River. Sheen was observed in the river. Due to the low levels detected in the sump, and subsequent cleaning, other exposure pathways (i.e., groundwater, direct contact, and air) are not a concern in regard to on-site workers.

NARR ID: 5726228
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 06/02/2003
NARR Comments:Site is on the LUST Cleanup List, log #24-88-4035 and #24-96-4179. (9/25/00 BTM/SAS) At time of freight elevator hydraulic oil spill (1/18/00), response included removal of some product from near-site

STATESMAN JOURNAL (Continued) **S105523479**

city storm drain lines, and from on-site elevator shaft and dewatering sump. On 8/7/00, the sump and near-site storm drain lines were power-washed, removing 1,800 gallons of water with sediment for off-site disposal.

Administrative Action:

Admin ID:	714776	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/1996	Complete Date:	01/11/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	State. Handled in LUST.		

Admin ID:	714779	Action ID:	9427
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/1996	Complete Date:	01/11/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	179	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EXCL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Excluded from confirmed release definition		
Further Action:	Not reported		
Comments:	handled in LUST		

Admin ID:	715754	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/21/1988	Complete Date:	Not reported
Substance Code:	LUS	Rank Value:	0
Employee Id:	183	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to LUST Program		
Further Action:	Not reported		
Comments:	(LUST SI, log #24-88-4035)		

Admin ID:	704991	Action ID:	9426
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	09/19/2000	Complete Date:	09/28/2000
Substance Code:	SAS	Rank Value:	0
Employee Id:	2043	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV2	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE PRIORITY EVALUATION FOR FURTHER ACTION		
Further Action:	0		
Comments:	Evaluation of January 2000 hydraulic oil spill only. The remainder of the site remains under Tanks Program oversight.		

Admin ID:	718538	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/16/1988	Complete Date:	Not reported

STATESMAN JOURNAL (Continued) **S105523479**

Substance Code:	LUS	Rank Value:	0
Employee Id:	183	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	710013	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/10/1996	Complete Date:	01/11/1996
Substance Code:	LUS	Rank Value:	Not reported
Employee Id:	92	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to LUST Program		
Further Action:	0		
Comments:	LUST log #24-96-4179 and 24-88-4035.		

Admin ID:	720441	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	132026
Operation Status:	Active
Common Name:	Statesman Journal
Yrs of Operation:	Not reported
Comments:	Newspaper
Updated Date:	05/14/2002

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147 SSE 1/2-1 0.656 mi. 3464 ft. | **DELYNNS CLEANERS 198 CHURCH ST SE SALEM, OR 97301** | **RCRA-CESQG FINDS DRYCLEANERS ECSI** | **1004770862 ORD987196888**

Relative: Higher

Actual: 159 ft.

RCRA-CESQG:

Date form received by agency:	01/23/1997
Facility name:	DELYNNS CLEANERS
Facility address:	198 CHURCH ST SE SALEM, OR 97301
EPA ID:	ORD987196888
Mailing address:	198 CHURCH STREET SE SALEM, OR 97301
Contact:	DELYNN COOK
Contact address:	198 CHURCH STREET SE SALEM, OR 97301

DELYNNS CLEANERS (Continued) **1004770862**

Contact country:	US
Contact telephone:	(503) 363-4242
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	DELYNNS CLEANERS
Owner/operator address:	1593 JORDAN DR. S. SALEM, OR 97302
Owner/operator country:	US
Owner/operator telephone:	(503) 581-4255
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/23/1997
Owner/Op end date:	Not reported

Owner/operator name:	DELYNNS CLEANERS
Owner/operator address:	1593 JORDAN DR. S. SALEM, OR 97302
Owner/operator country:	US
Owner/operator telephone:	(503) 581-4255
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/19/1992
Owner/Op end date:	Not reported

Handler Activities Summary:

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

DELYNNS CLEANERS (Continued) **1004770862**

Used oil transporter: No

Historical Generators:
Date form received by agency: 03/20/1996
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/1995
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/16/1994
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/23/1993
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: DELYNNS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Violation Status: No violations found

FINDS:

Registry ID: 110004805328

Environmental Interest/Information System
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.

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

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

DRYCLEANERS:
Dry Cleaner ID: 165
Phone ID: 503 362-4242

DELYNNS CLEANERS (Continued) **1004770862**

Current Status:	Closed
Last Update:	Not reported
DEQID:	ORD987196888
Latitude:	44.9383645
Longitude:	-123.03573

ECSI:

State ID Number:	1868	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	40410	Further Action:	258
Lat/Long (dms):	44 56 18.20 / -123 2 8.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	3300	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	09/18/2007
Alias Name:	Willamette University		

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	386206
Qty Released:	unk.
Date Released:	2001 - 2003
Update Date:	03/02/2011
Update By:	GWISTAR
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE

DELYNNS CLEANERS (Continued) **1004770862**

Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 347672
Feature Id: 0
Hazard Release Id: 386206
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 02/03/2001
End Date: 12/01/2003
Min Concentration: 2.20
Max Concentration: 9.80
Sample Comment: Not reported
Last Update By: MCAMARA
Update Date: 04/06/2005

Substance ID.: 121781
Haz Release ID: 387776
Qty Released: unk.
Date Released: 2001 - 2003
Update Date: 03/02/2011
Update By: GWISTAR
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE

DELYNNS CLEANERS (Continued) **1004770862**

Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

Narrative:

NARR ID: 5735936
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 01/21/2004
NARR Comments: Groundwater beneath the First State Bank property (west of the Delynn site) contains PCE, TCE, and DCE. Contamination has not been confirmed at the Delynn site; however, based on existing data, Delynn's Cleaners is a site with suspected contamination. (1/21/04 SAS/M2C) City of Salem found low level solvent contamination in the manhole at the intersection of Ferry St. and Church St.

NARR ID: 5735937
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 01/16/2004
NARR Comments: First State Bank Groundwater Monitoring Report (1994). DEQ's LUST Program file #24-91-4359.

NARR ID: 5735938
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: unknown

NARR ID: 5735939
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Local groundwater contamination was detected. Soil contamination is unknown, but likely. Surface water contamination is unknown.

NARR ID: 5735940
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 01/21/2004
NARR Comments: Dry cleaning site in west Salem, Marion County, within the Willamette River Valley. Willamette River is 0.5 miles west-northwest of site. Pringle Creek is .24 miles of the site. Elevation is 155 feet above

DELYNNS CLEANERS (Continued) **1004770862**

MSL and topography is flat. Delynn's Cleaners shares a building with a restaurant and offices. The site is surrounded by a church to the north a bank, theater, offices, restaurant and other commercial businesses to the west, Ferry Street to the south, and Cottage Street to the east. It is not known how long the site has operated as a dry cleaner. The groundwater pathway has been affected, but it is not known if other pathways are affected.

NARR ID: 5735941
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: MCAMARA
Updated Date: 04/06/2005
NARR Comments: No known investigations or remedial actions have been performed at the site. This site is suspected of being contaminated, and the next step is to investigate. (1/21/04 SAS/M2C)The site has been refered to the Dry Cleaner Program. The site was SAPs scored as a medium for additional work. (2/24/04 SAS/M2C) The current property owner is Willamette University. The property was puchased in January 2003 from Delynn Cook. Delynn Cook hired a consultant to a limited Phase II. In 1998 - 1999, soil samples were collected underneath the UST out side of the building and underneath the cleaning fluid tank inside the building. No solvents were found in the soil samples. In 2001, a shallow monitoring well was installed west of the building. Samples were collected from February 2001 through December 2003. Concentrations ranged from 2.1 to 9.8 ppb. (Another sample collected by Jim Gangler was 189 ppb. This may have been collected from a baker tank according to the
consultant.) The 189 was from a sample taken by Jim Gangler

NARR ID: 5744506
NARR Code: Water Use (Current/Reasonably Likely)
Created By: MCAMARA
Created Date: 01/21/2004
Updated By: MCAMARA
Updated Date: 01/21/2004
NARR Comments: (1/21/04 SAS/M2C) Area is provide with City water. One domestic well was identified upgradient of the site.

Administrative Action:

Admin ID:	710022	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/23/1996	Complete Date:	05/23/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	538	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: State Expanded Preliminary Assessment recommended (XPA)
Further Action: Medium
Comments: Recommend XPA. Options letter sent to Delynn's Cleaners 05281996. Medium priority.

Admin ID:	712659	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/22/1996	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0

DELYNNS CLEANERS (Continued) **1004770862**

Employee Id:	538	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	712662	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/23/1996	Complete Date:	05/23/1996
Substance Code:	SAS	Rank Value:	0
Employee Id:	538	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Recommend XPA. Options letter sent to Delynn's Cleaners 05281996. Medium priority.		

148
SE
1/2-1
0.700 mi.
3697 ft.

SOIL CONTAMINATION - COTTAGE ST. **ECSI** **S106880454**
COTTAGE ST. NE **N/A**
SALEM, OR 97301

Relative:
Higher

Actual:
162 ft.

ECSI:

State ID Number:	4117	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	87546	Further Action:	260
Lat/Long (dms):	44 56 25.10 / -123 1 59.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	03/22/2012

Narrative:

NARR ID:	5744894
NARR Code:	Site History
Created By:	MENGLIS
Created Date:	04/27/2004
Updated By:	GWISTAR
Updated Date:	08/19/2004
NARR Comments:	On April 19, 2004, diesel-fuel odors were detected in the excavation in Cottage Street at Station 20+60, about 30 feet south of Manhole #9. The source of this diesel is unknown. Geotechnical work for the project has found the groundwater gradient to be generally southeast to northwest. To the southeast of the contaminated area is a graveled parking lot. Beyond that is Court Street and a park.

Administrative Action:

Admin ID:	728308	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	04/27/2004	Complete Date:	04/27/2004

SOIL CONTAMINATION - COTTAGE ST. (Continued) **S106880454**

Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	04/27/2004
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	728309	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/28/2004	Complete Date:	04/28/2004
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	632	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	04/27/2004
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Low		
Comments:	Not reported		

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149 NE 1/2-1 0.891 mi. 4705 ft. | **BNRR - LOCUST ST MAINTENANCE FACILITY** | **FINDS** | **1006854507**
MYRTLE AVE NE & LOCUST ST NE | **ECSI** | **N/A**
SALEM, OR 97303

Relative: Higher

Actual: 157 ft.

FINDS:

Registry ID: 110014167454

Environmental Interest/Information System
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:	1248	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	40123	Further Action:	260
Lat/Long (dms):	44 57 49.70 / -123 1 18.50	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	14	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	12/13/2006
Alias Name:	Burlington Northern RR - Locust ST		

Hazardous Release:

Substance ID.:	122008
Haz Release ID:	384380

BNRR - LOCUST ST MAINTENANCE FACILITY (Continued) **1006854507**

Qty Released: unknown
Date Released: unknown
Update Date: 05/18/1994
Update By: Not reported
Substance Code: ECD266
Substance Name: TOTAL HYDROCARBONS (AS DIESEL)
Substance Abbrev.: Not reported
Substance Category ID: 8539
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8539
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 344750
Feature Id: Not reported
Hazard Release Id: 384380
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: True
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 5000 to 20000 mg/kg
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5732417
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (5/18/94 ACV/SAS) On 5/5/92, BNRR personnel were conducting repairs at the Locust Street facility when petroleum-impacted soil and groundwater were observed in an excavation. The contamination was discovered while repairing the eastern railroad spur, 1 of 2 spurs that cross the site. Historical maps and records indicated that the eastern portion of the site was occupied by the Willamette Oil & Burner Co. (circa 1926 - 1946), which appeared to operate two above-ground storage tanks. Warehousing operations occupied the western part of the site until about 1960. Railroad spurs were noted to be present on the site from about 1926 also, but no information was available on BNRR ownership history at the property.

NARR ID: 5732418
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002

BNRR - LOCUST ST MAINTENANCE FACILITY (Continued) **1006854507**

Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:1) Phase I Site Assessment by GeoEngineers for BNRR (6/12/93); 2) Expanded Preliminary Assessment by GeoEngineers for BNRR (3/2/94); 3) BNRR correspondence.

NARR ID: 5732419
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:petroleum

NARR ID: 5732420
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Site is bounded by Hickory Avenue, Laurel Avenue, Locust Street, and Myrtle Avenue.

NARR ID: 5732421
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Unknown; possibly past business practices by a former operation.

NARR ID: 5732422
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:The site is mainly surrounded by residential areas and the State School for the Deaf (north of Locust Street). Groundwater flow direction appears to be toward the northwest with depth-to-water measurements ranging from 17.17 to 19.27 feet.

NARR ID: 5732423
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 05/22/2003
NARR Comments:(5/18/94 ACV/SAS) Results of the BNRR XPA indicated that the area of impacted soil was limited to approximately the southeastern portion of the site. In this area, the lateral extent of impacted soil was delineated except to the east, where it appears the extent of impacted soil extends off-site under Myrtle Avenue. No off-site investigation has been conducted. Generally, the vertical extent of soil contamination does not appear to go below 15 feet. Groundwater monitoring wells have been installed. BTEX, VOCs, and PAH compounds were not detected in samples. It appears that any groundwater impact

BNRR - LOCUST ST MAINTENANCE FACILITY (Continued) **1006854507**

may be localized to the area near the original repair work excavation. After an SAS review of the available site information, further soil investigation is warranted based on the indication of off-site impacts to the east of the BNRR line. After the extent of the impacted soil has been delineated, remedial alternatives should be evaluated (and special note should be made of the presence of demolition fill on the site during remedial activities).

NARR ID: 5732424
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Soil appears to be significantly impacted in a fairly localized area; groundwater may be impacted in the area immediately around the eastern spur, but results of groundwater analyses from on-site monitoring wells indicate that any groundwater impact to the near-surface aquifer is limited in extent. Low priority site.

Administrative Action:

Admin ID:	716406	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/01/1992	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718796	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/02/1992	Complete Date:	10/02/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718797	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/03/1992	Complete Date:	10/03/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718798	Action ID:	9449

BNRR - LOCUST ST MAINTENANCE FACILITY (Continued) **1006854507**

Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/04/1992	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NSFL	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Insufficient information to list		
Further Action:	Not reported		
Comments:	Pending completion of an XPA.		

Admin ID:	718799	Action ID:	9497
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	10/05/1992	Complete Date:	10/05/1992
Substance Code:	SAS	Rank Value:	0
Employee Id:	466	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Preliminary Assessment Equivalent recommended (PAE)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	718824	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/19/1993	Complete Date:	05/19/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	718919	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	05/19/1994	Complete Date:	05/19/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	738	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	726283	Action ID:	9521
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/20/1994	Complete Date:	06/20/1994
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	738	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	05/22/2003
Action Code:	OPTN	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	OPTN		
Further Action:	0		

BNRR - LOCUST ST MAINTENANCE FACILITY (Continued) **1006854507**

Comments: Not reported

Operations:

Operation Id:	132562
Operation Status:	Active
Common Name:	BNRR - Locust ST Maintenance Facility
Yrs of Operation:	unknown
Comments:	BNRR facilities include a railroad track maintenance storage yard and section house on the site's western portion; eastern portion is essentially vacant.
Updated Date:	09/13/1994
Operations SIC Id:	195809
SIC Code:	4011
Created By:	Not reported
Created Date:	12/17/2002

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150 SE 1/2-1 0.897 mi. 4734 ft. | **B & B PROPERTIES 210 CAPITOL ST. NE SALEM, OR 97301** | **OR HAZMAT HSIS ECSI** | **U000433743 N/A**

Relative: Higher

Actual: 169 ft.

HAZMAT:

Responsble Party:	HUGH BELLINGER
RP Company:	UNION 76 SERVICE STA
RP Address:	210 CAPITOL ST NE
RP City,St,Zip:	SALEM 97301
Facility ID:	870141
OERS Number:	Not reported
Dept Rsp:	SALEM FD
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Remark:	Not reported
Incident District:	SALEM FD
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	5035886245
Osfm Incident Report Number:	870141
Dept. Responding:	SALEM FD

B & B PROPERTIES (Continued) **U000433743**

Person Making Report:	JAMES W. RAK
Title:	FM
Agency:	SALEM FD
Phone:	5035886245
Date Of Incident:	11/05/1987
Call Time:	12:00:00 AM
In Route:	12:00:00 AM
Arrival:	9:42:00 AM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	4:25:00 PM
Dist Of Incident:	SALEM FD
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	710193
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Commercial
Responsible Party(Ies):	HUGH BELLINGER
Company:	UNION 76 SERVICE STA
Respcontact:	Not reported
Address:	210 CAPITOL ST NE
Resp City:	SALEM
Resp State:	Not reported
Resp ZipCode:	97301
Phone:	5033930254
Resp Phone2:	5033627811
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Normal Operation
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00

Chemical:

Chemical Info:	1941
Chemical Id:	13288
Incident Id:	870141
Chemical Name:	GASOLINE
UNNA:	Not reported
Amount At Risk:	12000
Amount Released:	1
Amount Measured:	2
Biological:	False
Radiological:	False

Chemical Id:	13288
Chemical Name:	GASOLINE
Hazardous Ingredient:	PETROLEUM DISTILLATES
Hazardous Class 1:	3.1

B & B PROPERTIES (Continued) **U000433743**

Hazardous Class 2: 6.3
Hazardous Rank: 2
Case Number: 8006619
UNNA Number: 1203
EPA Pest Reg: Not reported
EHA Chem: N
PSM Chem: N
CAA 112R Chem: N

Method:
Method Used Id: 4004
Incident Id: 870141
Identity Method: 5

Released:
Release Behavior Id: 818
Incident Id: 870141
Behavior: 1

Narrative:
Narrative Id: 2021
Incident Id: 870141
Incident Narrative: INCIDENT RESULTED FROM LEAK OF GASOLINE FROM ADJACENT SERVICE STATION INTO THE BASEMENT OF THE STATE PUBLIC SERVICE BLDG. (SEE MULTI-PAGE REPORT ATTACHED TO ORIGINAL INCIDENT REPORT FORM FOR MORE DETAILS). INCIDENT RESULTED FROM LEAK OF GASOLINE FROM
Incident Date: 11/5/1987

HSIS:
Facility Id: 044184
Chemical Is Extremely Hazardous Substance (EHS): Not reported
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Contains 112R: Not reported
NAICS Code 1: 811111
NAICS Desc 1: GENERAL AUTOMOTIVE REPAIR
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: CLIFTON N OWENS
Business Phone: 5033621620
Mailing Address: 210 CAPITOL ST NE
Mailing City,St,Zip: SALEM, OR 97301
No. of Employees: 4
Day Phone: 5033621620
Placard: No
Fire Dept Code: 0321
Sprinkler System: No
Emergency Contact: CLIFF OWENS
Emergency Procedure: Not reported
Business Type: ENGINE REPAIR GENERAL MAINT

Facility:
Facility Id: 044184
Physical State Of The Substance: 2
Physical State: LIQUID

B & B PROPERTIES (Continued) **U000433743**

Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	No
Pesticide:	No
Contains 313:	Not reported

Facility Id:	044184
Physical State Of The Substance:	3
Physical State:	GAS
Average Amount Possessed During The Year Code:	02
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L

B & B PROPERTIES (Continued) **U000433743**

Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	DICHLORODIFLUOROMETHANE
United Nations/north America 4 Digit Class Number:	1028
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1028
Chemical Abstract Service Identifier Number:	75718
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	044184
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

B & B PROPERTIES (Continued) **U000433743**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	044184
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	10
Maximum Amount Possessed During The Year Code:	10
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

B & B PROPERTIES (Continued) **U000433743**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

ECSI:

State ID Number:	716	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	6927	Further Action:	0
Lat/Long (dms):	44 56 20.00 / -123 1 40.80	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	26	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	12/16/2011
Alias Name:	Bellinger Bros.		
Alias Name:	Ole's Auto Service		
Alias Name:	Unocal #4332		

Hazardous Release:

Substance ID.:	121983
Haz Release ID:	385368
Qty Released:	300 gal.
Date Released:	Unknown

B & B PROPERTIES (Continued) **U000433743**

Update Date: 11/16/1988
Update By: Not reported
Substance Code: ECD173
Substance Name: GASOLINE
Substance Abbrev.: Not reported
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 304452
Release Code: Data Sources
Release Comments: WVR - Larry Jack
Sampling Result ID: 346555
Feature Id: Not reported
Hazard Release Id: 385368
Medium: 698
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: CONV
Update Date: 09/13/1994
Sampling Result ID: 346556
Feature Id: Not reported
Hazard Release Id: 385368
Medium: 703
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5728084
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002

B & B PROPERTIES (Continued) **U000433743**

Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments:Tank leak; time of release unknown.

NARR ID: 5728085
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 12/16/2011
NARR Comments:(1/1/90 MRA/ECD) Site referred to the UST Cleanup Program for further action. See LUST log #s 24-75-4001, 24-87-4009, and 24-92-4115.
(Dec. 2011 GMW/SAS) DEQ's Tanks Program has determined that UST is sues have been resolved (see NFA letter posted on WebDocs for more information about the conditional closure). No further action is required in Cleanup.

NARR ID: 5753757
NARR Code: 1922
Created By: GWISTAR
Created Date: 12/16/2011
Updated By: GWISTAR
Updated Date: 12/16/2011
NARR Comments:[Dec. 2011] DEQ's Tanks Program has determined that UST issues have been resolved (see NFA letter posted on WebDocs for more information about the conditional closure).

Administrative Action:

Admin ID:	739538	Action ID:	9443
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	12/13/2011	Complete Date:	12/13/2011
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	92	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	12/16/2011
Action Code:	NFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	NO FURTHER STATE ACTION REQUIRED		
Further Action:	0		
Comments:	See LUST log #24-87-4009 for details on site closure.		

Admin ID:	715753	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/01/1990	Complete Date:	01/01/1990
Substance Code:	LUS	Rank Value:	Not reported
Employee Id:	92	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Refer to LUST Program		
Further Action:	0		
Comments:	LUST log #s 24-75-4001, 24-87-4009, and 24-92-4115.		

Admin ID:	724131	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False

B & B PROPERTIES (Continued) **U000433743**

Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Responsible party notified re 11/88 Inventory listing		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	718529	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/16/1988	Complete Date:	Not reported
Substance Code:	LUS	Rank Value:	0
Employee Id:	183	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id:	132017
Operation Status:	Unknown
Common Name:	B & B Properties
Yrs of Operation:	Not reported
Comments:	Gasoline service station
Updated Date:	03/16/1995
Operations SIC Id:	195062
SIC Code:	5541
Created By:	Not reported
Created Date:	12/17/2002

AH151 **SAGENE PROPERTY** **ECSI** **S106880483**
South **1038 - 1042 COMMERCIAL ST. SE** **N/A**
1/2-1 **SALEM, OR 97302**
0.969 mi.
5116 ft. **Site 1 of 2 in cluster AH**

Relative:
Higher

Actual:
179 ft.

ECSI:

State ID Number:	4389	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect
FACA ID:	88214	Further Action:	257
Lat/Long (dms):	44 55 51.20 / -123 2 38.00	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	ORN0010026
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	DHANSON	Update Date:	08/13/2008
Alias Name:	Allstate		
Alias Name:	Printing Co.		

Hazardous Release:

Substance ID.:	121781
Haz Release ID:	387705
Qty Released:	unk
Date Released:	unk
Update Date:	02/23/2011

SAGENE PROPERTY (Continued) **S106880483**

Update By: GWISTAR
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

Substance ID.: 121011
Haz Release ID: 387706
Qty Released: unk
Date Released: unk
Update Date: 02/23/2011
Update By: GWISTAR
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported

SAGENE PROPERTY (Continued) **S106880483**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-

Narrative:
NARR ID: 5748229
NARR Code: Contamination
Created By: NSAWKA
Created Date: 06/22/2006
Updated By: GWISTAR
Updated Date: 08/03/2006
NARR Comments: PCE and TCE found at high levels in the former Allstate Building (1042 Commercial) at 1,100 ug/m3 and 65 ug/m3, respectively and the Printing Company building (1038 Commercial) at 220 ug/m3 and 16 ug/m3, respectively, when first sampled in May 2004.

NARR ID: 5748231
NARR Code: General Site Description
Created By: NSAWKA
Created Date: 06/22/2006
Updated By: GWISTAR
Updated Date: 06/22/2006
NARR Comments: Site is a small strip shop center located north of the former Foreman's Cleaners & Laundry site (ECSI #2312). Four shops from south to north occupy the proeprty including the former Allstate building at 1042 Commercial (now an alteration business), a computer repair business at 1040 Commercial, The Printing Company at 1038 Commercial and 1 Day Signs at 1010 Commercial. Area is commercial property with surrounding residential
use.
Property from 1042 to 1038 Commercial is owned by a group of inves tores represented by Mary Henner. 1 Day Signs is owned by Bill Klaar, who also runs the business.

NARR ID: 5746628
NARR Code: Hazardous Substance/Waste Types
Created By: GWISTAR
Created Date: 05/16/2005
Updated By: GWISTAR
Updated Date: 05/16/2005

SAGENE PROPERTY (Continued) **S106880483**

NARR Comments:Indoor air PCE concentrations at high levels.

NARR ID: 5748230
NARR Code: Pathways Other Hazards
Created By: NSAWKA
Created Date: 06/22/2006
Updated By: NSAWKA
Updated Date: 06/22/2006
NARR Comments:Vapor intrusion into indoor air of commercial buildings.

NARR ID: 5748232
NARR Code: Remedial Action
Created By: NSAWKA
Created Date: 06/22/2006
Updated By: DHANSON
Updated Date: 08/13/2008
NARR Comments:(6/22/06/NS/DC) Groundwater in a nearby well at the adjacent former Foreman's DC property (ECSI #2312) showed TCE levels (140 ug/L) slightly above the risk-based occupational vapor-intrusion level (110 ug/L) in November 2003. As a precaution, DEQ sampled indoor air of the closest building, former Allstate building, at 1042 Commercial in May 2004. Sampling results indicated high levels of PCE at 1,100 ug/m3 and TCE at 65 ug/m3 in this building. DEQ's vapor intrusion limit for PCE is 1.9 ug/m3, and for TCE, 0.1 ug/m3. The ASTDR levels for PCE that DHS uses to evaluate acute and chronic health concerns are 271 ug/m3 for chronic and 1,356 ug/m3 for acute. Follow-up sampling in June 2004 confirmed these levels in building 1042 and also found PCE at 220 ug/m3 and TCE at 16 ug/m3 in the Printing company building two doors down (1038 Commercial).

The source of the indoor air problem is uncertain. The levels dete cted in the indoor air are much higher than expected to be coming from the adjacent former dry cleaner site, and are potentially indicative of another source. DEQ researched the past uses of the property and found several potential contaminant sources, including former service stations and auto repair facilities, but no dry cleaners.

The owner (Marty Henner) was notified of the problem and immediate ly upgraded the HVAC systems in buildings at 1038 to 1042 Commercial to help mitigate the vapor-intrusion problem. Follow-up indoor sampling in August 2005, after the HVAC upgrades, showed a significant decrease in PCE and TCE. PCE and TCE in the former Allstate building were reduced from 1,000 to 170 ug/m3 and from 65 to 3.8 ug/m3, respectively. The levels are still above DEQ's occupational risk level, but below ASTDR's levels of concern.

DEQ plans to conduct a federally-funded preliminary assessment at the property this year, in an attempt to determine the source of vapor intrusion.

(12/28/06 MME/SAS) DEQ is currently drafting the workplan for fie ldwork in conjunction with the preliminary assessment.

(5/23/07 MME/SAS) DEQ collected soil, groundwater, and soil vapor samples at the site during May 2007. DEQ is currently drafting the PA report for EPA's review.

(8/9/07 MME/SAS) PA report was submitted to EPA on June 29, 2007.

SAGENE PROPERTY (Continued) **S106880483**

EPA is currently reviewing the report.
The source of indoor air contamination previously identified at the Sagene property is inconclusive. Further investigation of the Sagene property is recommended to determine if the source of PCE and TCE in indoor air is present on the Sagene property. DEQ recommends further investigation, including soil, groundwater, and soil gas sampling north of the Sagene property to determine the extent of soil and groundwater contamination.
Additional investigations may also be needed on the Foreman?s site t o resolve the contaminant source issues.
(8/13/08 DEH WR Cleanup) No Further (federal) Respose Action is Pl anned (NFRAP) was issued by the EPA on 8/24/07. Additional investigations are recommended by DEQ to resolve the contaminant source issues.

NARR ID: 5750745
NARR Code: 1922
Created By: DHANSON
Created Date: 08/13/2008
Updated By: DHANSON
Updated Date: 08/13/2008
NARR Comments: The Sagene property has had problems with indoor air contamination by the dry cleaning chemical tetrachloroethylene (PCE) and its breakdown products (namely TCE). The source of the contamination is not clear. The Sagene site is located adjacent to the former Formans Cleaners (ECSI 2312) site, but the levels of indoor air contamination detected at Sagene in the past and soil gas samples collected do not difinitively show the contamination is from Foremans. Although EPA will not be requiring additional investigations, additional assessment is needed to identify the source or sources of contamination at Sagene.

Administrative Action:

Admin ID:	735638	Action ID:	9444
Agency:	Environmantal Protection Agency	Region:	0
Start Date:	08/24/2007	Complete Date:	08/24/2007
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	0	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	08/13/2008
Action Code:	NFRAP	Category:	EPA Led Action
Action Flag:	True	Action Code Flag:	False
Action:	No Further Remedial Action Planned under Federal program		
Further Action:	0		
Comments:	Not reported		

Admin ID:	730221	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	04/28/2005	Complete Date:	04/28/2005
Substance Code:	Not reported	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	04/28/2005
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	730222	Action ID:	9510

SAGENE PROPERTY (Continued) **S106880483**

Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	04/28/2005	Complete Date:	04/28/2005
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	04/28/2005
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	High		
Comments:	Not reported		

Admin ID:	736227	Action ID:	9506
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	08/13/2008	Complete Date:	08/13/2008
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	02/27/2009
Action Code:	RSI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Investigation recommended (SI)		
Further Action:	High-Medium		
Comments:	DEQ recommends additional site investigation to determine the source or sources of PCE and TCE contamination that has affected indoor air quality at the site.		

Admin ID:	734451	Action ID:	9456
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	07/24/2006	Complete Date:	08/13/2007
Substance Code:	SAS	Rank Value:	Not reported
Employee Id:	2202	Cleanup Flag:	False
Created By:	GWISTAR	Created Date:	10/10/2007
Action Code:	PA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	BASIC PRELIMINARY ASSESSEMENT		
Further Action:	High-Medium		
Comments:	Federal PA w/sampling. Recommend further sampling to determine the source of indoor air intrusion.		

AI152 **FATS (FOREIGN AUTO TECHNICIANS)** **UST** **U000433972**
NE **2590 CHERRY AVE NE** **ECSI** **N/A**
1/2-1 **SALEM, OR 97303**
0.976 mi.
5155 ft. **Site 1 of 2 in cluster AI**

Relative:
Higher

Actual:
160 ft.

UST:

Facility ID:	6916
Facility Telephone:	(503)364-7622
Permittee Name:	DAN HARVEY, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

ECSI:

State ID Number:	1359	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	Suspect

FATS (FOREIGN AUTO TECHNICIANS) (Continued) **U000433972**

FACA ID:	9019	Further Action:	260
Lat/Long (dms):	44 57 46.00 / -123 1 8.00	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	14	Qtr Section:	Not reported
Tax Lots:	Not reported	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/26/2009

Narrative:

NARR ID: 5732853
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (3/25/87 Pollution Complaint) Anonymous caller reported the dumping of a liquid substance (sludge water) out of a parts washer, onto the ground near a garden area.

NARR ID: 5732854
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: (3/25/87 Pollution Complaint) Referred to Salem Pollution Control (Ron Burnt). He will investigate and get back to WVR/DEQ if additional assistance is needed.

Administrative Action:

Admin ID:	721951	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Low		
Comments:	Not reported		

Admin ID:	716513	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	04/13/1993	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		
Comments:	Not reported		

Operations:

Operation Id: 132675
Operation Status: Unknown

FATS (FOREIGN AUTO TECHNICIANS) (Continued) **U000433972**

Common Name: Fats Foreign Auto Technicians
Yrs of Operation: Not reported
Comments: Not reported
Updated Date: 03/16/1995

AI153 **GREENSTEIN CHILDREN'S TRUST** **LUST** **S104072659**
NE **2715 CHERRY AVE. NE** **HSIS** **N/A**
1/2-1 **SALEM, OR 97303** **ECSI**
0.986 mi.
5208 ft. **Site 2 of 2 in cluster AI**

Relative:
Higher

Actual:
159 ft.

LUST:
Region: Western Region
Facility ID: 24-88-4069
Cleanup Received Date: 01/01/1988
Cleanup Start Date: 01/01/1988
Cleanup Complete Date: 01/18/2011

HSIS:
Facility Id: 065908
Chemical Is Extremely Hazardous Substance (EHS): No
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: Yes
Contains 112R: No
NAICS Code 1: 323121
NAICS Desc 1: TRADEBINDING AND RELATED WORK
NAICS Code 2: 000000
NAICS Desc 2: Not reported
Manager Name: CHARLES A TOLL
Business Phone: 5033641397
Mailing Address: 2773 CHERRY AVE
Mailing City,St,Zip: SALEM, OR 97301
No. of Employees: 23
Day Phone: 5033642122
Placard: No
Fire Dept Code: 0321
Sprinkler System: No
Emergency Contact: CHARLES TOLL OR DENNIS SCOTT
Emergency Procedure: ADMIN OFFICE 2773 CHERRY AVE
Business Type: COMMERCIAL BINDING-WHSE

Facility:
Facility Id: 065908
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 04
Maximum Amount Possessed During The Year Code: 04
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: D
Description: STEEL DRUM
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 1
Pressure Description: NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ALIPHATIC HYDROCARBON
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	64742478
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	Yes

Facility Id:	065908
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ISOPROPYL ALCOHOL
United Nations/north America 4 Digit Class Number:	1219
Hazard Rank:	2
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

United Nations/north America 4 Digit Class Number:	1219
Chemical Abstract Service Identifier Number:	67630
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	Yes
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	No

Facility Id:	065908
Physical State Of The Substance:	2
Physical State:	LIQUID
Average Amount Possessed During The Year Code:	04
Maximum Amount Possessed During The Year Code:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Combustible Material
Second Hazardous Class Code For Chemical: Chronic Health Hazard
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 4.5
Hazard Class 2 Of The Chemical: 6.4
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: Not reported
Chemical Abstract Service Identifier Number: Not reported
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Combustible Material
Second Hazardous Class Code For Chemical: Chronic Health Hazard
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 4.5
Hazard Class 2 Of The Chemical: 6.4
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: Not reported
EPA Pesticide Registration Number: Not reported
Contains 112R: Not reported
Contains EHS: Not reported
Fertilizer: Not reported
Pesticide: Not reported
Contains 313: Not reported

Facility Id: 065908
Physical State Of The Substance: 2
Physical State: LIQUID
Average Amount Possessed During The Year Code: 03
Maximum Amount Possessed During The Year Code: 03
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: N
Description: PLASTIC BOTTLE, JUG, BUCKET
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 1
Pressure Description: NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 20-49
Description Of The Avg Qnty Code: 20-49
Most Hazardous Ingridient: PETROLEUM HYDROCARBON
United Nations/north America 4 Digit Class Number: 1270
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Combustible Material
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 4.5

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1270
Chemical Abstract Service Identifier Number: 90622585
Chemical Is Extremely Hazardous Substance (EHS): No
First Hazardous Class Code For Chemical: Combustible Material
Second Hazardous Class Code For Chemical: Not reported
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 4.5
Hazard Class 2 Of The Chemical: Not reported
Hazard Class 3 Of The Chemical: Not reported
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Contains 112R: No
Contains EHS: No
Fertilizer: No
Pesticide: No
Contains 313: No

Facility Id: 065908
Physical State Of The Substance: 3
Physical State: GAS
Average Amount Possessed During The Year Code: 10
Maximum Amount Possessed During The Year Code: 10
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Type Code: L
Description: CYLINDER
Type Code: Not reported
Temperature Description: Not reported
Pressure of Code: 2
Pressure Description: GREATER THAN NORMAL PRESSURE
Pressure of Code: Not reported
Pressure Description: Not reported
Temperature Description: NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: Not reported
Temperature of The Hazardous Substance Code: Not reported
Days Hazardous Substance On Site During Year: 365
Is The Substance Protected A Trade Secret: False
Description Of The Max Qnty Code: 200-499
Description Of The Avg Qnty Code: 200-499
Most Hazardous Ingridient: PROPANE
United Nations/north America 4 Digit Class Number: 1075
Hazard Rank: 2
Chemical Is Extremely Hazardous Substance (EHS): Not reported
First Hazardous Class Code For Chemical: Flammable Gas
Second Hazardous Class Code For Chemical: Acute Health Hazard
Third Hazardous Class Code For Chemical: Not reported
Hazard Class 1 Of The Chemical: 2.1
Hazard Class 2 Of The Chemical: 6.3
Hazard Class 3 Of The Chemical: Not reported

Chemical:
United Nations/north America 4 Digit Class Number: 1075

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	No
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Contains 112R:	No
Contains EHS:	No
Fertilizer:	No
Pesticide:	No
Contains 313:	No

ECSI:

State ID Number:	231	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	0	Investigation:	No Further Action
FACA ID:	9020	Further Action:	0
Lat/Long (dms):	44 57 52.00 / -123 1 10.00	County Code:	24.00
Score Value:	Not reported	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	14	Qtr Section:	Not reported
Tax Lots:	400	Size:	1.3 acres
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	07/31/2012
Alias Name:	PEMCO - Cherry Ave.		

Hazardous Release:

Substance ID.:	121051
Haz Release ID:	382963
Qty Released:	unknown
Date Released:	unknown
Update Date:	01/09/1988
Update By:	Not reported
Substance Code:	1330-20-7
Substance Name:	XYLENEs
Substance Abbrev.:	Not reported
Substance Category ID:	8526
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8526
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	317017
Sub Alias Name:	DIMETHYLBENZENEs
Substance Alias ID:	317018
Sub Alias Name:	XYLOLs

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Comment ID: 303617
Release Code: Data Sources
Release Comments: Northwest Testing Laboratories, Inc. Report 1-11-88
Sampling Result ID: 346071
Feature Id: Not reported
Hazard Release Id: 382963
Medium: 703
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 140 ppm
Last Update By: CONV
Update Date: 09/13/1994

Substance ID.: 122011
Haz Release ID: 382964
Qty Released: unknown
Date Released: Not reported
Update Date: 01/09/1988
Update By: Not reported
Substance Code: ECD272
Substance Name: TOTAL VOLATILE HYDROCARBONS
Substance Abbrev.: Not reported
Sampling Result ID: 346070
Feature Id: Not reported
Hazard Release Id: 382964
Medium: 703
Substance Abbrev.: 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
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 760 ppm
Last Update By: CONV
Update Date: 09/13/1994

Narrative:
NARR ID: 5729531
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Soil sample beneath underground storage tank yielded 760 ppm total volatile hydrocarbons, and 140 ppm xylenes. Underground tank apparently leaked and was removed. The site is referred to in DEQ

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

files as Greenstein's Children's Trust.

NARR ID: 5729532
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: City of Salem files; correspondence from owner and/or operator; lab results.

NARR ID: 5729533
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Petroleum products.

NARR ID: 5729534
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Underground storage tank leak - time of release unknown.

NARR ID: 5729535
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Soil, groundwater

NARR ID: 5729536
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: SSADOFS
Updated Date: 03/09/2011
NARR Comments: (6/21/01 GMW/SAS) DEQ's UST Program has assigned log #24-88-4069 to this site. Because site issues appear to be limited to petroleum contamination from a leaking UST, the Cleanup Program is deferring this site to the UST Program.
(3/8/11 SJS/UST) Site was closed by LUST program on 3/1/11 with a conditional NFA. See LUST #24-88-4069 for more details.

Administrative Action:

Admin ID:	738626	Action ID:	9411
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	03/01/2011	Complete Date:	03/01/2011
Substance Code:	UST	Rank Value:	Not reported
Employee Id:	2843	Cleanup Flag:	False
Created By:	SSADOFS	Created Date:	03/09/2011
Action Code:	CNFA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Action: No Further Action (Conditional)
Further Action: 0
Comments: See LUST# 24-88-4069

Admin ID:	721966	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	02/11/1994	Complete Date:	02/11/1994
Substance Code:	SAS	Rank Value:	0
Employee Id:	293	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Admin ID:	724033	Action ID:	9445
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	11/30/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	Not reported	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	NOTIF	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False

Action: Responsible party notified re 11/88 Inventory listing
Further Action: Not reported
Comments: Not reported

Admin ID:	704321	Action ID:	9477
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	06/21/2001	Complete Date:	06/21/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	767	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	REFL	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False

Action: Refer to LUST Program
Further Action: 0
Comments: LUST log #24-88-4069.

Admin ID:	718305	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Not reported
Start Date:	09/01/1988	Complete Date:	Not reported
Substance Code:	SAS	Rank Value:	0
Employee Id:	304	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False

Action: Site added to database
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 131649
Operation Status: Active
Common Name: Greenstein Children's Trust
Yrs of Operation: Not reported
Comments: Unknown

GREENSTEIN CHILDREN'S TRUST (Continued) **S104072659**

Updated Date: 05/14/2002

AH154
South
1/2-1
0.990 mi.
5228 ft.

Relative:
Higher

Actual:
180 ft.

FOREMANS CLEANERS & LAUNDRY INCORPORATED
1070 COMMERCIAL STREET SOUTHEAST
SALEM, OR 97302

Site 2 of 2 in cluster AH

RCRA-CESQG **1000473635**
FINDS **ORD987184975**
OR CRL
LUST
UST
MANIFEST
DRYCLEANERS
DRYCLEANERS
ECSI

RCRA-CESQG:

Date form received by agency:	12/31/2011
Facility name:	ODEQ DRY CLEANER FOREMANS CLEANERS
Facility address:	1070 COMMERCIAL ST SE SALEM, OR 97302
EPA ID:	ORD987184975
Mailing address:	165 E. 7TH AVENUE, SUITE 100 EUGENE, OR 97401
Contact:	DONALD HANSON
Contact address:	165 E. 7TH AVENUE, SUITE 100 EUGENE, OR 97401
Contact country:	US
Contact telephone:	(541) 687-7349
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ODEQ
Owner/operator address:	165 E. 7TH AVENUE, SUITE 100 EUGENE, OR 97401
Owner/operator country:	US
Owner/operator telephone:	(541) 687-7349
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2011
Owner/Op end date:	Not reported
Owner/operator name:	CHRIS SWEISTRISS
Owner/operator address:	4294 DUANE DR S

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

SALEM, OR 97302
Owner/operator country: US
Owner/operator telephone: (800) 965-3495
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/31/2010
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2009
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2008
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2007
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2006
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2005
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2004
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2003
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/27/2003
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/02/2002
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/08/2001
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Classification: Large Quantity Generator

Date form received by agency: 01/08/2001
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Site name: FOREMANS CLEANERS & LAUNDRY INC
Classification: Not a generator, verified

Date form received by agency: 01/09/1996
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Site name: FOREMANS CLEANERS & LAUNDRY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/1995
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Site name: FOREMANS CLEANERS & LAUNDRY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/1994
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Site name: FOREMANS CLEANERS & LAUNDRY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/20/1993
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Site name: FOREMANS CLEANERS & LAUNDRY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Facility name: ODEQ DRY CLEANER FOREMANS CLEANERS
Site name: FOREMANS CLEANERS & LAUNDRY INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: NA
Waste name: NA

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/28/1990
Date achieved compliance: 10/18/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/16/1990

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/28/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 10/18/1990
Evaluation lead agency: State

FINDS:

Registry ID: 110004798997

Environmental Interest/Information System
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.

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

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

CRL:
Facility ID: 2312
Location ID: 34937
Status Code: LIS
Facility Status: SITE INVESTIGATION
Lat/Long: 44.9305 / -123.0437

LUST:
Region: Western Region
Facility ID: 24-98-4007
Cleanup Received Date: 01/15/1998
Cleanup Start Date: 02/02/1998
Cleanup Complete Date: Not reported

Region: Western Region
Facility ID: 24-00-4016
Cleanup Received Date: 02/02/2000
Cleanup Start Date: 01/26/2000

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Cleanup Complete Date: Not reported

UST:

Facility ID:	2444
Facility Telephone:	(503) 363-9448
Permittee Name:	CHARLES OR CHRIS SWIESTRIS, PARTNERS
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

OR MANIFEST:

Manifest Year:	Manifest Year - 2004
EPA Id:	ORD987184975
Inactive Status:	Not reported
Organization Name:	Not reported
Contact First Name:	Nancy
Contact Last Name:	Sawka
Contact Telephone Number:	503 365-0828
Mailing Address:	750 Front Street NE Suite 120
Mailing City:	Salem
Mailing State:	OR
Mailing Zip:	97301

DRYCLEANERS:

EPA Id:	ORD987184975
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	03/26/1997
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	JIM HANNS
Owner Address:	1070 COMMERCIAL ST S.E.
Owner Address 2:	Not reported
Owner Telephone:	5033639448
Contact Name:	JIM HANNS
Contact Address:	1070 COMMERCIAL ST S.E.
Contact Address 2:	Not reported
Contact Telephone:	5033639448

DRYCLEANERS:

Dry Cleaner ID:	194
Phone ID:	503 363-9448
Current Status:	Inactive Listed Dry Cleaner
Last Update:	1/15/2003
DEQID:	ORD987184975
Latitude:	44.9305711

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Longitude: -123.04374

ECSI:

State ID Number:	2312	Brown ID:	0
Study Area:	False	Region ID:	3
Legislatve ID:	833	Investigation:	Listed on the CRL/Inventory
FACA ID:	34937	Further Action:	258
Lat/Long (dms):	44 55 49.80 / -123 2 37.30	County Code:	24.00
Score Value:	75	Cerclis ID:	Not reported
Township Coord.:	7.00	Township Zone:	S
Range Coord:	3.00	Range Zone:	W
Section Coord:	27	Qtr Section:	Not reported
Tax Lots:	7100	Size:	Not reported
NPL:	False	Orphan:	False
Updated By:	GWISTAR	Update Date:	02/26/2009

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	382117
Qty Released:	unknown
Date Released:	unknown
Update Date:	04/16/2001
Update By:	Not reported
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 340719
Feature Id: Not reported
Hazard Release Id: 382117
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/14/1998
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 930 mg/kg
Last Update By: mme
Update Date: 08/15/2002
Sampling Result ID: 340720
Feature Id: Not reported
Hazard Release Id: 382117
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/02/2001
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 660 ug/L
Last Update By: mme
Update Date: 08/15/2002

Substance ID.: 121781
Haz Release ID: 382118
Qty Released: unknown
Date Released: unknown
Update Date: 04/16/2001
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 340721
Feature Id: Not reported
Hazard Release Id: 382118
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/14/1998
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 430 ug/kg
Last Update By: kpd
Update Date: 09/08/1999
Sampling Result ID: 340722
Feature Id: Not reported
Hazard Release Id: 382118
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/02/2001
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 361 ug/L
Last Update By: mme
Update Date: 04/16/2001

Substance ID.: 121124
Haz Release ID: 382119

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Qty Released: unknown
Date Released: unknown
Update Date: 08/09/1999
Update By: Not reported
Substance Code: 156-59-2
Substance Name: DICHLOROETHYLENE,1,2-CIS-
Substance Abbrev.: Not reported
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8513
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317200
Sub Alias Name: ACETYLENE DICHLORIDE,CIS-
Substance Alias ID: 317201
Sub Alias Name: DICHLOROETHENE,CIS-
Substance Alias ID: 317202
Sub Alias Name: DICHLOROETHYLENE,CIS-
Substance Alias ID: 317203
Sub Alias Name: DICHLOROETHENE,1,2-CIS-
Sampling Result ID: 340723
Feature Id: Not reported
Hazard Release Id: 382119
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/14/1998
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 8,000 ug/kg
Last Update By: kpd
Update Date: 09/08/1999
Sampling Result ID: 340724
Feature Id: Not reported
Hazard Release Id: 382119
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 01/02/2001
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 5630 ug/L

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Last Update By: mme
Update Date: 04/16/2001

Narrative:

NARR ID: 5738123
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 03/20/2003
NARR Comments: (3/12/2003 NS/SRS) Dry cleaning was conducted at the site beginning in 1936. Stoddard solvent (a petroleum-based solvent) was replaced with perchloroethene (a chlorinated solvent) in the mid-1980s. DEQ first inspected the site in August 1990 in response to a complaint of poor waste-handling practices. Still bottoms from the dry-cleaning machine were being stored outside in open buckets before being disposed of in the trash. DEQ issued Foreman's a Notice of Noncompliance (although the trash disposal was later determined to be O.K.). In February 1998, the City of Salem identified perchloroethene in the sanitary sewer system, and traced it to Foreman's. Foreman's hired EnviroLogic Resources, who installed six boreholes at the site near a 3,000-gallon former heating oil tank and two 2,500-gallon Stoddard solvent tanks. Solvents were detected in four of the boreholes. Three monitoring wells were installed at the site in September 1998, and solvent was detected in the groundwater. Foreman's applied to DEQ's Dry Cleaner Program in February 1999, and was accepted in July 1999.

NARR ID: 5738124
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 03/20/2003
NARR Comments: 1) February 1998 EnviroLogic Resources Initial Site Characterization. 2) UST Facility ID #2444. 3) LUST log #24-98-4007.

NARR ID: 5738125
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Perchloroethylene (PCE) and Stoddard solvent.

NARR ID: 5738126
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Releases of Stoddard solvent (1936 to 1985) and perchloroethylene (1985 to present) may have occurred from poor waste-handling practices, leaks, spills, etc.

NARR ID: 5738127
NARR Code: Pathways Other Hazards
Created By: Not reported

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: The site is located in a commercial area between Bush Pasture Park (less than 1,000 feet to the east) and Willamette Slough (about a quarter-mile west and northwest). Soil at the site is primarily silty clay to at least 20 ft bgs. Shallow groundwater is encountered from 4 to 17 ft bgs. The estimated shallow groundwater flow direction is to the east-southeast.

NARR ID: 5738128
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 01/16/2007
NARR Comments: (3/12/03 NS/SRS) In December 1999, DEQ retained a state contractor to conduct a focused Site Investigation (SI) at the site. Results of the SI indicated high levels of PCE in soil and shallow groundwater beneath the building. In January 2000, the heating oil tank & two Stoddard solvent tanks were removed, along with some contaminated soil. In December 2000, DEQ conducted additional investigation of shallow and deep groundwater off-site, to evaluate the extent of soil & groundwater contamination. PCE was found in a regional aquifer 50-60 ft bgs. PCE contamination was also found to extend onto the properties to the north and northeast. The dry cleaner building was demolished by the owner shortly afterward. An interim removal action measure (IRAM) workplan was completed in May 2001. Contaminated soil exceeding 100 times the lowest RBC (a cleanup obejective of 14 mg/kg was used for the occupation leaching to groundwater RBC of 0.14 mg/kg for PCE) was removed from the site and disposed of at a hazardous waste landfill in January and February 2002. Clean backfill was added to the excavation and amended with hydrogen releasing compound to enhance the bioremediation of remaining contamination at the site. Two quarters of groundwater monitoring conducted since the removal action indicated a significant drop in chlorinated hydrocarbon concentrations in site groundwater. Concentrations of PCE and TCE fell significantly, up to two orders of magnitude in some wells. Vinyl chloride was not detected in any of the downgradient monitoring wells. The site was put on a semi-annual groundwater monitoring program. The purpose is to continue to evaluate the effectiveness of the removal action in reducing contaminant concentrations to the groundwater and determine if additional bio-enhancement is necessary.
(12/04 NS) Groundwater sampling results in May and November 2003 s howed an order of magnitude increase in TCE to 140 ug/L in well MW-3, placing the TCE in this well slightly above the occupational vapor intrusion RBC of 110 ug/L. As a precaution, DEQ sampled the indoor air of the building closest to this well (1042 Commercial St. NE). The building, which was occupied by Allstate, was sampled on May 2004. The results of this sampling indicated high levels of PCE at 1,100 ug/M3 and TCE at 65 ug/M3. The property owner and business owner were notified of the results and follow-up sampling of the Allstate building and the building two doors north (occupied by the Printing Company at 1038 Commercial St. NE) were sampled on June 2004. The second round of sampling confirmed the high levels of PCE and TCE in the indoor air of the Allstate building with PCE at 1,100

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

ug/M3 and TCE at 47 ug/M3. PCE and TCE were also detected in the Printing Company building at 220 ug/M3 and 16 ug/M3. The exact source of this indoor air contamination was not certain. The levels detected were much higher than expected from the groundwater contamination found in MW-3 and potentially indicative of another source. DEQ contacted the Department of Human Services (DHS), Health Division to determine if there were any immediate health concerns associated with the levels being detected. DHS used the ASTDRs for evaluating chronic and acute levels of the chemicals. PCE found in the indoor air of the Allstate building was above the ASTDR chronic level for PCE of 271 ug/M3, but below the acute level of 1,356 ug/M3. Although OSHA regulations do not apply in this situation, it was noted that the detected levels were well below the OSHA 8-hour PELs for PCE of 678,000 ug/M3 and TCE or 537,000 ug/M3. DEQ notified the building owner and businesses of the indoor air results, and recommended that the owner upgrade the HVAC or ventilation systems in the buildings to help mitigate the air problem. The owner complied with upgrades in October and November 2004. DEQ researched the adjacent properties (1038 to 1042 Commercial St. NE) for past uses that could be contaminant sources. Several potential sources such as previous service stations and automotive repair shops were identified, but no dry cleaners. The research was inconclusive. DEQ would like to continue to investigate the source of indoor air contamination of the adjacent property by installing soil borings and soil vapor sampling points around the buildings. We would also like to conduct follow-up indoor air sampling at the Allstate building and Printing Company to determine if the HVAC and ventilation upgrades are effective in mitigating the indoor air contamination.
Continuation of our investigation is pending access approval by the owner to conduct the work on the
property.
(7/27/05 NS/DC) Access Agreement was signed by the owner in May 20 05. DEQ plans to conduct follow-up indoor air sampling in August 2005 to confirm the effectiveness of the HVAC and ventilation upgrades and to prioritize the site for further
work.
(6/22/06 NS/DC) Owner granted access to adjacent property (now ass igned its own ECSI #4389 under the name Sagene property). Follow-up indoor sampling conducted in August 2005, following HVAC upgrades, showed a significant decrease in PCE and TCE. PCE in the former Allstate building was reduced from 1,100 ug/m3 to 170 ug/m3 and TCE from 65 ug/m3 to 3.8 ug/m3. Levels are still above DEQ's occupational vapor-intrusion limits of 1.9 ug/m3 for PCE and 0.1 ug/m3 for TCE, but below the ASTDRs chronic and acute levels. DEQ plans to conduct a federally-funded preliminary assessment at the adjacent property this year to determine the source of indoor air contamination.

NARR ID: 5738129
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
NARR Comments: Soil and groundwater at the site is contaminated with Stoddard solvent and perchloroethylene (PCE). PCE appears to be seeping into the sanitary sewer line at the site.

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

NARR ID: 5751092
NARR Code: 1922
Created By: DHANSON
Created Date: 01/08/2009
Updated By: DHANSON
Updated Date: 12/28/2010
NARR Comments: Foreman's Cleaners operated at the site from the mid-1930s until the late 1990s. Spills of dry cleaning solvents, including tetrachloroethylene (PCE) contaminated the soil and groundwater at the site. DEQ began oversight of the project in the Dry Cleaner Program in the early 2000s and conducted a soil removal in the vicinity of the cleaners building (now removed) in 2001. DEQ continues to monitor the effectiveness of these removal activities under the Dry Cleaner Program. Additional investigatoin and/or cleanup may be needed in the future depending on contaminant levels, site use and program funding.(DEH 12/28/10)

Administrative Action:

Admin ID:	707351	Action ID:	9425
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/07/1999	Complete Date:	09/07/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	EV	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE EVALUATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707352	Action ID:	9437
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/08/1999	Complete Date:	09/08/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	q	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	q		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707355	Action ID:	9498
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/09/1999	Complete Date:	09/09/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Confirmed Release List recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707356	Action ID:	9499
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/09/1999	Complete Date:	09/09/1999
Substance Code:	SAS	Rank Value:	0

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RPLI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Proposal for Inventory recommended		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	707367	Action ID:	9510
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/10/1999	Complete Date:	09/10/1999
Substance Code:	SAS	Rank Value:	75
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RXPA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	State Expanded Preliminary Assessment recommended (XPA)		
Further Action:	Medium		
Comments:	Not reported		

Admin ID:	701636	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	01/15/2002	Complete Date:	02/15/2002
Substance Code:	SRS	Rank Value:	0
Employee Id:	2340	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	0		
Comments:	Removal of contaminated soil from beneath building.		

Admin ID:	702873	Action ID:	9438
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	12/21/2001	Complete Date:	12/21/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility placed on Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	702874	Action ID:	9439
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	12/21/2001	Complete Date:	12/21/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	LSI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility placed on Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	704468	Action ID:	9467

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	07/18/2001	Complete Date:	07/18/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRI	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Inventory		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	704469	Action ID:	9465
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	07/18/2001	Complete Date:	07/18/2001
Substance Code:	SAS	Rank Value:	0
Employee Id:	730	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PRC	Category:	Listing Action
Action Flag:	True	Action Code Flag:	False
Action:	Facility proposed for Confirmed Release List		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	725632	Action ID:	9492
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	10/01/2000	Complete Date:	05/11/2001
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	547	Cleanup Flag:	False
Created By:	KDANA	Created Date:	03/20/2003
Action Code:	RMA	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL ASSESSMENT		
Further Action:	0		
Comments:	Not reported		

Admin ID:	726088	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Western Region
Start Date:	02/15/2002	Complete Date:	Not reported
Substance Code:	SRS	Rank Value:	Not reported
Employee Id:	2041	Cleanup Flag:	False
Created By:	MENGLIS	Created Date:	05/06/2003
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	0		
Comments:	Not reported		

Admin ID:	708990	Action ID:	9424
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/11/1999	Complete Date:	Not reported
Substance Code:	CPD	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	ENTRY	Category:	Administrative Action
Action Flag:	True	Action Code Flag:	False
Action:	Site added to database		
Further Action:	Not reported		

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

Comments: Not reported

Admin ID:	709015	Action ID:	9508
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	03/11/1999	Complete Date:	03/11/1999
Substance Code:	CPD	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RSSC	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	Site Screening recommended (EV)		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	706313	Action ID:	9459
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	09/07/1999	Complete Date:	09/07/1999
Substance Code:	SAS	Rank Value:	0
Employee Id:	301	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	PAE	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Further Action:	Not reported		
Comments:	EnviroLogic Resources report.		

Admin ID:	706314	Action ID:	9511
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	12/14/1999	Complete Date:	05/31/2000
Substance Code:	SRS	Rank Value:	0
Employee Id:	1912	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	SI	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	SITE INVESTIGATION		
Further Action:	Not reported		
Comments:	Not reported		

Admin ID:	706315	Action ID:	9491
Agency:	Dept Of Environmental Quality	Region:	Headquarters
Start Date:	01/26/2000	Complete Date:	01/26/2000
Substance Code:	SRS	Rank Value:	0
Employee Id:	1912	Cleanup Flag:	False
Created By:	Not reported	Created Date:	12/17/2002
Action Code:	RM	Category:	Remedial Action
Action Flag:	True	Action Code Flag:	False
Action:	REMOVAL		
Further Action:	Not reported		
Comments:	Removal of contaminated soil and 3 USTs.		

Operations:

Operation Id:	133517
Operation Status:	Inactive
Common Name:	Foreman’s Cleaners & Laundry
Yrs of Operation:	1936 to 2001
Comments:	dry cleaner
Updated Date:	01/03/2002
Operations SIC Id:	196730

FOREMANS CLEANERS & LAUNDRY INCORPORATED (Continued) **1000473635**

SIC Code: 7216
Created By: Not reported
Created Date: 12/17/2002

Count: 24 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SALEM	S111242055	OP&R - HOLMAN STATE PARK	OR 221		UIC
SALEM	1006857350	SALEM AIRPORT CRASH FIRE TRAINING	25TH ST	97301	FINDS, ECSI
SALEM	S108663614	WILLAMETTE VALLEY INDUSTRIAL PARK	27TH ST	97302	NPDES
SALEM	1015754981	WEST SALEM - 7TH & PATTERSON	7TH	97301	CERCLIS
SALEM	S111834538	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	ECSI
SALEM	S111834539	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	ECSI
SALEM	S112198886	MILL CREEK DISTRICT PROPERTY, PARC	AUMSVILLE HWY	97301	VCP, ECSI
SALEM	U004015410	BATTLECREEK SEWAGE LIFT STATION	6600 BLOCK COMMERCIAL ST SE	97302	LUST, UST
SALEM	1006854740	SALEM RIVERFRONT PARK PROJECT	CHEMEKETA AND WATER STS	97301	FINDS, OR CRL, ENG CONTROLS, INST CONTROL, VCP, BROWNFIELD ECSI
SALEM	S111005959	PICTSWEET PROPERTIES (FORMER)	CORDON ROAD AND STATE ST		VCP, ECSI
SALEM	S108659692	EOLA BEND RV PARK	4800 DALLAS	97304	NPDES
SALEM	1004770750	CAPITAL MANOR INC	1955 DALLAS HWY NW	97304	RCRA-CESQG, FINDS
SALEM	1011956912	WALLACE HILLS ESTATES	DOAKS FERRY RD	97304	FINDS
SALEM	S108663435	WALLACE HILLS ESTATES	DOAKS FERRY RD	97304	NPDES
SALEM	S105613948	SALEM LANDFILL	FARAGATE ST NEAR RIVER RD S	97301	ECSI
SALEM	S107595397	WALLACE MARINE PARK	100 GLEM CREEK RD	97301	SPILLS
SALEM	S106116723	TSUCHIDA, BIN	1805 MARKET STREET NE ST	97301	LUST
SALEM	1000205599	SALEM CY OF - REGIONAL PARK & REC	MINTO BROWN ISLAND PARK	97301	RCRA NonGen / NLR, FINDS
SALEM	S112058062	LINDBECK FARM (FORMER)	ORCHARD HEIGHTS RD NW	97304	VCP, ECSI
SALEM	S111247358	BPA	3105 NW SALEM DALLAS HWY	97304	AST, HSIS
SALEM	S111248892	DERMAC LABS INC	2485 SALEM HWY NW	97304	AST, HSIS
SALEM	1006864589	SALEM AIRPORT DISPOSAL SITE	SEC 1	97301	FINDS, SWF/LF, Financial Assurance
SALEM	S111210373	JLPN INC	5590 STATE ST SE	97301	AST, HSIS
SALEM	S111256752	VERIZON BUSINESS	6140 STATE ST	97301	AST, HSIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 03/01/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 12/19/2012
Date Data Arrived at EDR: 12/26/2012
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
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: 12/19/2012
Date Data Arrived at EDR: 12/26/2012
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/18/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Varies

Federal ERNS list

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 29

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

CRL: Confirmed Release List and Inventory
All facilities with a confirmed release.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 02/20/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System
Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 01/01/2013
Date Data Arrived at EDR: 01/24/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 01/24/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Quarterly

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

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: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 44

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 02/20/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 03/21/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 03/21/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

State and tribal registered storage tank lists

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 02/20/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 02/04/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 03/19/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 03/21/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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: 01/01/2013
Date Data Arrived at EDR: 01/24/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 01/24/2013
Next Scheduled EDR Contact: 05/06/2013
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: 01/01/2013
Date Data Arrived at EDR: 01/24/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 01/24/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 01/28/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 33

Source: DEQ
Telephone: 503-229-5256
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects
Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/21/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-6801
Last EDR Contact: 02/20/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/26/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: No Update Planned

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

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

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

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

SWRCY: Recycling Facility Location Listing
A listing of recycling facility locations.

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 12/05/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: 503-229-5353
Last EDR Contact: 03/08/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/05/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 11/14/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Quarterly

AOC COL: Columbia Slough
Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/16/2006
Number of Days to Update: 30

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
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: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CDL 2: Clandestine Drug Lab Site Listing
A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: Oregon State Police
Telephone: 503-373-1540
Last EDR Contact: 01/31/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

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: 12/18/2012
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 14

Source: Department of Consumer & Business Services
Telephone: 503-378-4133
Last EDR Contact: 02/12/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Varies

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

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

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

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

SPILLS: Spill Data
Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/02/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 51

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Semi-Annually

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: 08/01/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 39

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 01/31/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Semi-Annually

Other Ascertainable Records

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

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 04/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/05/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
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: 11/02/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/13/2013
Next Scheduled EDR Contact: 06/24/2013
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

US MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2013
Next Scheduled EDR Contact: 07/08/2013
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/28/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/17/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/16/2013
Number of Days to Update: 98	Next Scheduled EDR Contact: 04/29/2013
	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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/11/2013
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2012	Telephone: 202-343-9775
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 01/09/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 03/12/2013
Next Scheduled EDR Contact: 06/24/2013
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Biennially

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: 01/02/2013
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 53

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 11/30/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 02/11/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Annually

DRYCLEANERS: Drycleaning Facilities
A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 02/06/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6783
Last EDR Contact: 02/15/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

NPDES: Wastewater Permits Database
A listing of permitted wastewater facilities.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 01/31/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 32

Source: Department of Environmental Quality
Telephone: 503-229-5657
Last EDR Contact: 03/25/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

AIRS: Oregon Title V Facility Listing
A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/06/2012
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 503-229-6459
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
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: 03/01/2012
Date Data Arrived at EDR: 04/23/2012
Date Made Active in Reports: 05/30/2012
Number of Days to Update: 37

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 02/04/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/12/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2012
Date Data Arrived at EDR: 11/30/2012
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/19/2013
Next Scheduled EDR Contact: 06/03/2013
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/08/2013
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-5521
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/15/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites Listing

A listing of coal ash disposal sites.

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 541-298-7255
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for hazardous waste facilities.

Date of Government Version: 08/10/2012
Date Data Arrived at EDR: 08/29/2012
Date Made Active in Reports: 09/11/2012
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 541-633-2011
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/15/2013
Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 11/15/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 11/15/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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

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

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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

Source: N/A
Telephone: N/A
Last EDR Contact: 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: 02/01/2013
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/07/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 2003 & 2011 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

WALLACE MARINE PARK
200 GLEN CREEK ROAD NW
SALEM, OR 97304

TARGET PROPERTY COORDINATES

Latitude (North):	44.9502 - 44˚ 57’ 0.72’’
Longitude (West):	123.0457 - 123˚ 2’ 44.52’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	496394.9
UTM Y (Meters):	4977202.0
Elevation:	139 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	44123-H1 SALEM WEST, OR
Most Recent Revision:	1986

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 principal 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).

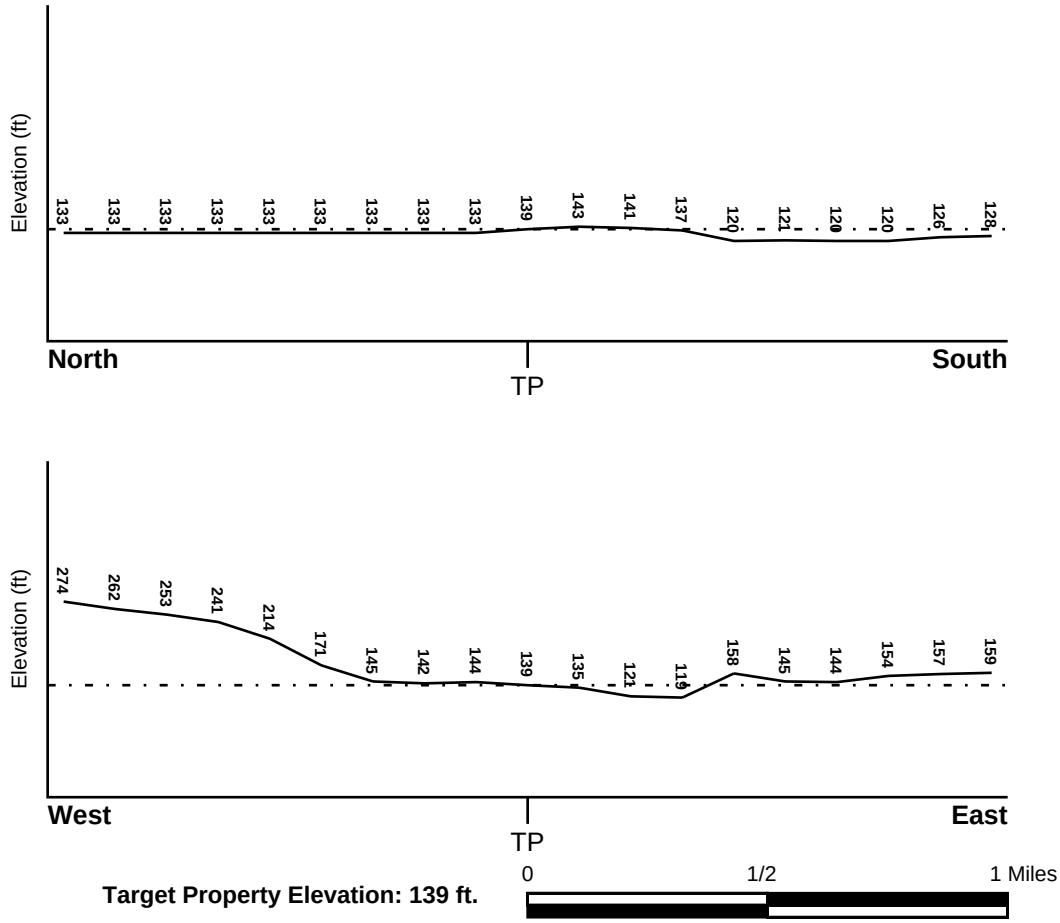
TOPOGRAPHIC INFORMATION

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 ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 139 ft.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
POLK, OR	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 41047C - FEMA DFIRM Flood data

Additional Panels in search area: 41053C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SALEM WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

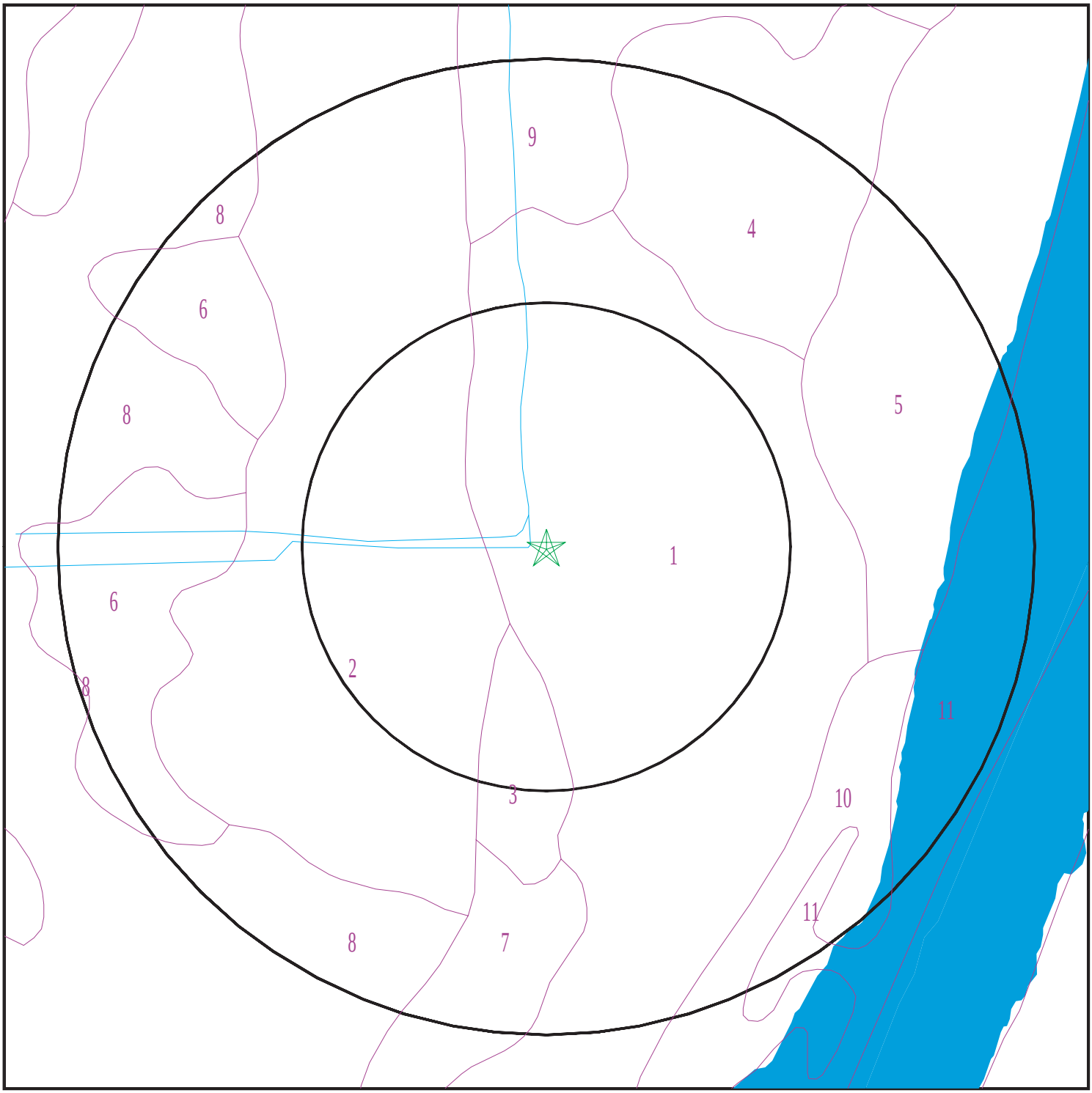
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 3571084.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: Wallace Marine Park ADDRESS: 200 Glen Creek Road NW Salem OR 97304 LAT/LONG: 44.9502 / 123.0457	CLIENT: Ecology and Environment CONTACT: Derek Pulvino INQUIRY #: 3571084.2s DATE: April 08, 2013 7:05 pm

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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: Newberg

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
2	14 inches	25 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
3	25 inches	59 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

Soil Map ID: 2

Soil Component Name: Malabon

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
2	14 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1

Soil Map ID: 3

Soil Component Name: Chehalis

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	11 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	46 inches	63 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 4

Soil Component Name: Newberg

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
2	20 inches	37 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
3	37 inches	59 inches	loamy fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

Soil Map ID: 5

Soil Component Name: Xerofluvents

Soil Surface Texture: stratified very gravelly sand to fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	16 inches	59 inches	stratified very gravelly sand to fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	0 inches	16 inches	loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 5.6

Soil Map ID: 6

Soil Component Name: Coburg

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	14 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 7

Soil Component Name: Wapato

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 6.5 Min: 5.1
2	14 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 6.5 Min: 5.1

Soil Map ID: 8

Soil Component Name: Cove

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
2	7 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1

Soil Map ID: 9

Soil Component Name: Cloquato

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	44 inches	59 inches	stratified sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	33 inches	44 inches	stratified sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1

Soil Map ID: 10

Soil Component Name: Riverwash

Soil Surface Texture: stratified gravel to sand

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	stratified gravel to sand	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 11

Soil Component Name: Water

Soil Surface Texture: stratified gravel to sand

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

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E31	USGS40000991483	1/4 - 1/2 Mile SSW
S128	USGS40000991469	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
69	OR4194503	1/2 - 1 Mile SE

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	ORI400000008548	1/4 - 1/2 Mile WSW
B2	ORI400000008533	1/4 - 1/2 Mile SW
B3	ORI400000008534	1/4 - 1/2 Mile SW
A4	ORI400000008540	1/4 - 1/2 Mile SW
A5	ORI400000008537	1/4 - 1/2 Mile SW
B6	ORI400000008531	1/4 - 1/2 Mile SW
A7	ORI400000008552	1/4 - 1/2 Mile WSW
B8	ORI400000008523	1/4 - 1/2 Mile SW
B9	ORI400000008524	1/4 - 1/2 Mile SW
B10	ORI400000008526	1/4 - 1/2 Mile SW
A11	ORI400000008543	1/4 - 1/2 Mile WSW
B12	ORI400000008529	1/4 - 1/2 Mile SW
B13	ORI400000008527	1/4 - 1/2 Mile SW
B14	ORI400000008522	1/4 - 1/2 Mile SW
B15	ORI400000008519	1/4 - 1/2 Mile SW
C16	ORI400000008528	1/4 - 1/2 Mile SW
D17	ORI400000008546	1/4 - 1/2 Mile WSW
C18	ORI400000008518	1/4 - 1/2 Mile SW
C19	ORI400000008536	1/4 - 1/2 Mile WSW
D20	ORI400000008547	1/4 - 1/2 Mile WSW
C21	ORI400000008525	1/4 - 1/2 Mile SW
C22	ORI400000008530	1/4 - 1/2 Mile WSW
C23	ORI400000008521	1/4 - 1/2 Mile SW
C24	ORI400000008520	1/4 - 1/2 Mile SW
C25	ORI400000008516	1/4 - 1/2 Mile SW
D26	ORI400000008539	1/4 - 1/2 Mile WSW
27	ORI400000008508	1/4 - 1/2 Mile SW
C28	ORI400000008514	1/4 - 1/2 Mile SW
C29	ORI400000008515	1/4 - 1/2 Mile SW
30	ORI400000008538	1/4 - 1/2 Mile WSW
E32	ORW400000006083	1/4 - 1/2 Mile SSW
F33	ORI400000008503	1/4 - 1/2 Mile SE
F34	ORI400000008504	1/4 - 1/2 Mile SE
G35	ORI400000008478	1/4 - 1/2 Mile SSE
G36	ORI400000008477	1/4 - 1/2 Mile SSE

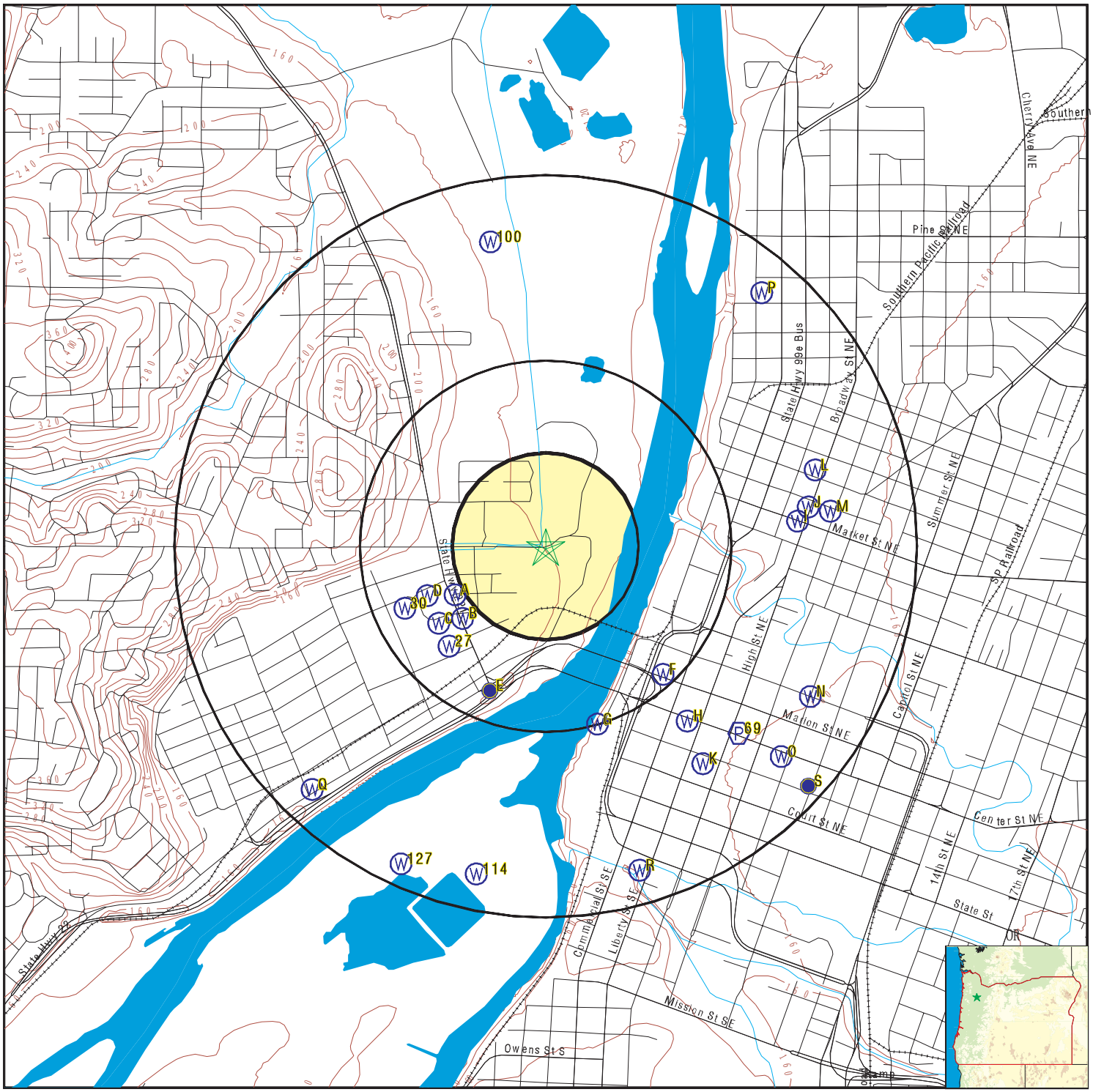
STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G37	ORI400000008480	1/4 - 1/2 Mile SSE
G38	ORI400000008479	1/4 - 1/2 Mile SSE
H39	ORI400000008486	1/2 - 1 Mile SE
H40	ORI400000008485	1/2 - 1 Mile SE
H41	ORI400000008482	1/2 - 1 Mile SE
H42	ORI400000008483	1/2 - 1 Mile SE
H43	ORI400000008476	1/2 - 1 Mile SE
I44	ORI400000008565	1/2 - 1 Mile East
I45	ORI400000008562	1/2 - 1 Mile East
I46	ORI400000008564	1/2 - 1 Mile East
J47	ORI400000008585	1/2 - 1 Mile East
J48	ORI400000008586	1/2 - 1 Mile East
J49	ORI400000008587	1/2 - 1 Mile East
J50	ORI400000008588	1/2 - 1 Mile East
I51	ORI400000008574	1/2 - 1 Mile East
I52	ORI400000008575	1/2 - 1 Mile East
I53	ORI400000008576	1/2 - 1 Mile East
I54	ORI400000008570	1/2 - 1 Mile East
I55	ORI400000008577	1/2 - 1 Mile East
I56	ORI400000008568	1/2 - 1 Mile East
J57	ORI400000008593	1/2 - 1 Mile East
J58	ORI400000008594	1/2 - 1 Mile East
K59	ORI400000008462	1/2 - 1 Mile SE
K60	ORI400000008463	1/2 - 1 Mile SE
K61	ORI400000008459	1/2 - 1 Mile SE
K62	ORI400000008460	1/2 - 1 Mile SE
K63	ORI400000008456	1/2 - 1 Mile SE
K64	ORI400000008457	1/2 - 1 Mile SE
K65	ORI400000008453	1/2 - 1 Mile SE
K66	ORI400000008454	1/2 - 1 Mile SE
K67	ORI400000008446	1/2 - 1 Mile SE
K68	ORI400000008447	1/2 - 1 Mile SE
J70	ORI400000008581	1/2 - 1 Mile East
J71	ORI400000008582	1/2 - 1 Mile East
K72	ORI400000008449	1/2 - 1 Mile SE
K73	ORI400000008448	1/2 - 1 Mile SE
K74	ORI400000008451	1/2 - 1 Mile SE
K75	ORI400000008450	1/2 - 1 Mile SE
K76	ORI400000008444	1/2 - 1 Mile SE
K77	ORI400000008445	1/2 - 1 Mile SE
K78	ORI400000008455	1/2 - 1 Mile SE
K79	ORI400000008438	1/2 - 1 Mile SE
K80	ORI400000008432	1/2 - 1 Mile SE
J81	ORI400000008572	1/2 - 1 Mile East
J82	ORI400000008571	1/2 - 1 Mile East
L83	ORI400000008601	1/2 - 1 Mile ENE
J84	ORI400000008589	1/2 - 1 Mile East
J85	ORI400000008590	1/2 - 1 Mile East
L86	ORI400000008604	1/2 - 1 Mile ENE
L87	ORI400000008603	1/2 - 1 Mile ENE
L88	ORI400000008595	1/2 - 1 Mile ENE
L89	ORI400000008596	1/2 - 1 Mile ENE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L90	ORI400000008605	1/2 - 1 Mile ENE
M91	ORI400000008583	1/2 - 1 Mile East
M92	ORI400000008584	1/2 - 1 Mile East
M93	ORI400000008578	1/2 - 1 Mile East
M94	ORI400000008579	1/2 - 1 Mile East
M95	ORI400000008580	1/2 - 1 Mile East
N96	ORI400000008494	1/2 - 1 Mile ESE
N97	ORI400000008497	1/2 - 1 Mile ESE
N98	ORI400000008495	1/2 - 1 Mile ESE
N99	ORI400000008496	1/2 - 1 Mile ESE
100	ORW400000006220	1/2 - 1 Mile North
O101	ORI400000008469	1/2 - 1 Mile SE
O102	ORI400000008467	1/2 - 1 Mile SE
O103	ORI400000008468	1/2 - 1 Mile SE
O104	ORI400000008461	1/2 - 1 Mile SE
P105	ORI400000008663	1/2 - 1 Mile NE
P106	ORI400000008665	1/2 - 1 Mile NE
P107	ORI400000008664	1/2 - 1 Mile NE
P108	ORI400000008666	1/2 - 1 Mile NE
P109	ORI400000008668	1/2 - 1 Mile NE
P110	ORI400000008667	1/2 - 1 Mile NE
P111	ORI400000008669	1/2 - 1 Mile NE
Q112	ORI400000008414	1/2 - 1 Mile SW
Q113	ORI400000008416	1/2 - 1 Mile SW
114	ORW400000006021	1/2 - 1 Mile SSW
Q115	ORI400000008415	1/2 - 1 Mile SW
R116	ORI400000008374	1/2 - 1 Mile SSE
Q117	ORI400000008407	1/2 - 1 Mile SW
R118	ORI400000008373	1/2 - 1 Mile SSE
Q119	ORI400000008411	1/2 - 1 Mile SW
R120	ORI400000008375	1/2 - 1 Mile SSE
Q121	ORI400000008413	1/2 - 1 Mile SW
R122	ORI400000008371	1/2 - 1 Mile SSE
Q123	ORI400000008409	1/2 - 1 Mile SW
P124	ORI400000008672	1/2 - 1 Mile NE
S125	ORI400000008429	1/2 - 1 Mile SE
Q126	ORI400000008408	1/2 - 1 Mile SW
127	ORW400000006024	1/2 - 1 Mile SSW
S129	ORW400000006043	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 3571084.2s



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

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

SITE NAME: Wallace Marine Park	CLIENT: Ecology and Environment
ADDRESS: 200 Glen Creek Road NW Salem OR 97304	CONTACT: Derek Pulvino
LAT/LONG: 44.9502 / 123.0457	INQUIRY #: 3571084.2s
	DATE: April 08, 2013 7:05 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **WSW** **1/4 - 1/2 Mile** **Higher**	**OR WELLS**	**ORI400000008548**

Well inspe:	35170		
Physical l:	Not Reported	Inspection:	03/15/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	NICHOLSON INVESTMENT, 710 WALLACE RD, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DRILLERS ON SITE, OTHER HOLES BEING DRILLED AT TIME OF INSPECTION		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94863		
Longitude :	123.05039		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	STRAP		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94863		
Newlong:	-123.05039		
Site id:	ORI400000008548		

B2
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008533**

Well inspe:	30141		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-7, FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK, 8" OVERSIZED CASING INSIDE VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	1994		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO METAL OVERSIZED CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008533		

B3
SW **OR WELLS** **ORI400000008534**
1/4 - 1/2 Mile
Higher

Well inspe:	31024		
Physical l:	Not Reported	Inspection:	08/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	GOLDSTEIN, SHELDON, IN STREET NEAR CHALET RESTAURANT, 600 WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FOUND ASPHALT PATCH IN STREET AT GPS LOCATION FOR MW-7A, ORIG SC 97396		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2600		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94767		
Longitude :	123.04955		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94767		
Newlong:	-123.04955		
Site id:	ORI400000008534		

A4
SW **OR WELLS** **ORI400000008540**
1/4 - 1/2 Mile
Higher

Well inspe:	30142		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, UNDER STEPS TO 2ND FLOOR OF RESTAURA		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-2, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94793		
Longitude :	123.05008		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94793		
Newlong:	-123.05008		
Site id:	ORI400000008540		

A5
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008537**

Well inspe:	30143		
Physical l:	Not Reported	Inspection:	03/19/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	MENNIS OIL CO, 600 WALLACE RD., WEST SALEM, IN PARKING BEHIND RESTAURANT		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-3, FLUSH, 24" MANHOLE WITH 2" CASING, LOCKABLE CAP WITHOUT LOCK, 2" CASING WI		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2501		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94777		
Longitude :	123.04995		
Gps horizo:	Not Reported		
Year const:	1988		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94777		
Newlong:	-123.04995		
Site id:	ORI400000008537		

B6
SW **OR WELLS** **ORI400000008531**
1/4 - 1/2 Mile
Higher

Well inspe:	31485		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW6; FLUSH, 2" CASING, LOCKABLE CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.9476		
Longitude :	123.05012		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9476		
Newlong:	-123.05012		
Site id:	ORI400000008531		

A7
WSW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008552**

Well inspe:	31055		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST & WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94886		
Longitude :	123.05141		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94886		
Newlong:	-123.05141		
Site id:	ORI400000008552		

B8
SW **OR WELLS** **ORI400000008523**
1/4 - 1/2 Mile
Higher

Well inspe:	31371		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008523		

B9
SW **OR WELLS** **ORI400000008524**
1/4 - 1/2 Mile
Higher

Well inspe:	31484		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; ACROSS FROM 585 WALLACE RD. AT MCDONALDS		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW7; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	2701		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	SW
Latitude d:	44.94718		
Longitude :	123.05		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94718		
Newlong:	-123.05		
Site id:	ORI400000008524		

B10
SW **OR WELLS** **ORI400000008526**
1/4 - 1/2 Mile
Higher

Well inspe:	33316		
Physical l:	Not Reported	Inspection:	09/12/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW4; FLUSH, 2" CASING, TESTWELL CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94735		
Longitude :	123.0506		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94735		
Newlong:	-123.0506		
Site id:	ORI400000008526		

A11
WSW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008543**

Well inspe:	26839		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC1		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94833		
Longitude :	123.05153		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94833		
Newlong:	-123.05153		
Site id:	ORI400000008543		

B12
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008529**

Well inspe:	41180		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94751		
Longitude :	-123.0509		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		

Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94751		
Newlong:	-123.0509		
Site id:	ORI400000008529		

B13
SW **OR WELLS** **ORI400000008527**
1/4 - 1/2 Mile
Higher

Well inspe:	31486		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW5; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94746		
Longitude :	123.05087		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94746		
Newlong:	-123.05087		
Site id:	ORI400000008527		

B14
SW **OR WELLS** **ORI400000008522**
1/4 - 1/2 Mile
Higher

Well inspe:	33286		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW3?; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94712		
Longitude :	123.05048		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94712		
Newlong:	-123.05048		
Site id:	ORI400000008522		

B15
SW **OR WELLS** **ORI400000008519**
1/4 - 1/2 Mile
Higher

Well inspe:	32498		
Physical l:	Not Reported	Inspection:	02/26/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX OIL CO; 585 WALLACE RD NW, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MANAGER SAID WELL ABANDONED; VAULT STILL OVER WELL; WELL IS IN PUDDLE OF WATER		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.94709		
Longitude :	123.05051		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	UNKNOWN		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94709		
Newlong:	-123.05051		
Site id:	ORI400000008519		

C16
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008528**

Well inspe:	41179		
Physical l:	Not Reported	Inspection:	11/29/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94748		
Longitude :	-123.05099		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	585 WALLACE RD NW, SALEM, OR		

Last updt :	11/29/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94748		
Newlong:	-123.05099		
Site id:	ORI400000008528		

D17
WSW **OR WELLS** **ORI400000008546**
1/4 - 1/2 Mile
Higher

Well inspe:	26841		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC5		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94849		
Longitude :	123.05194		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94849		
Newlong:	-123.05194		
Site id:	ORI400000008546		

C18
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008518**

Well inspe:	31366		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW2; FLUSH, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94707		
Longitude :	123.05089		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94707		
Newlong:	-123.05089		
Site id:	ORI400000008518		

C19
WSW **OR WELLS** **ORI400000008536**
1/4 - 1/2 Mile
Higher

Well inspe:	33765		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC2		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94776		
Longitude :	123.05167		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94776		
Newlong:	-123.05167		
Site id:	ORI400000008536		

D20
WSW **OR WELLS** **ORI400000008547**
1/4 - 1/2 Mile
Higher

Well inspe:	31054		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, AT WASHINGTON FEDERAL, 7TH WEST OF WALLACE RD., SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94855		
Longitude :	123.05222		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94855		
Newlong:	-123.05222		
Site id:	ORI400000008547		

C21
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008525**

Well inspe:	31367		
Physical l:	Not Reported	Inspection:	08/27/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX; 585 WALLACE RD., SHELL&PACIFIC PRIDE STATION		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	KMW1; FLUSH, OLD MONUMENT LID, 2" CASING, TESTWELL CAP, KLEINFELDER TO SUPPLY LO		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SW
Latitude d:	44.94719		
Longitude :	123.05142		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	WIRED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94719		
Newlong:	-123.05142		
Site id:	ORI400000008525		

C22
WSW **OR WELLS** **ORI400000008530**
1/4 - 1/2 Mile
Higher

Well inspe:	34983		
Physical l:	Not Reported	Inspection:	11/13/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WESTGATE SHOPPING CENTER, BEHIND STORES OUTSIDE FENCED CHILDREN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 3/4" CASING INSIDE 2" SLEEVE, SANITARY CAP WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94757		
Longitude :	123.05191		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94757		
Newlong:	-123.05191		
Site id:	ORI400000008530		

C23
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008521**

Well inspe:	30038		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; SC NUMBER NOW STAMPED ON VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008521		

C24
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008520**

Well inspe:	29688		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE.,	WEST SALEM	
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 118961; NO SC NUMBER ON VAULT (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94711		
Longitude :	123.05162		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94711		
Newlong:	-123.05162		
Site id:	ORI400000008520		

C25
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008516**

Well inspe:	29686		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC; 556 MURLARK AVE., WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9469		
Longitude :	123.05151		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9469		
Newlong:	-123.05151		
Site id:	ORI400000008516		

D26
WSW **OR WELLS** **ORI400000008539**
1/4 - 1/2 Mile
Higher

Well inspe:	26840		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC3		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05243		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05243		
Site id:	ORI400000008539		

27
SW **OR WELLS** **ORI400000008508**
1/4 - 1/2 Mile
Higher

Well inspe:	29687		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUITT BROTHERS INC.; 556 MURLARK AVE, WEST SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OLD SC 100110; NO BOLTS ON MONUMENT LID		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.9463		
Longitude :	123.051		
Gps horizo:	Not Reported		
Year const:	1997		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9463		
Newlong:	-123.051		
Site id:	ORI400000008508		

C28
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008514**

Well inspe:	34499		
Physical l:	Not Reported	Inspection:	02/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; NO SC # ON WELL (WELL ID # STAMPED)		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008514		

C29
SW
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008515**

Well inspe:	34575		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	AGRIPAC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW-8; OLD SC # 118962; ALTERATION SC # NOW STAMPED ON WELL		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94688		
Longitude :	123.05204		
Gps horizo:	Not Reported		
Year const:	1999		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94688		
Newlong:	-123.05204		
Site id:	ORI400000008515		

30
WSW **OR WELLS** **ORI400000008538**
1/4 - 1/2 Mile
Higher

Well inspe:	26842		
Physical l:	Not Reported	Inspection:	02/28/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OREGON DEQ; 7TH ST AND WALLACE RD; WESTGATE SHOPPING CENTER; W SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK; ASKED TO HAVE ONE INSTALLED BEFORE DRILLER LEAVES SITE;HC4		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.94778		
Longitude :	123.05343		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94778		
Newlong:	-123.05343		
Site id:	ORI400000008538		

E31
SSW **FED USGS** **USGS40000991483**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-OR		
Formal name:	USGS Oregon Water Science Center		
Monloc Identifier:	USGS-445641123025101		
Monloc name:	07S/03W-22CCB		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17090007	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.944564
Longitude:	-123.0487077	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	150.00
Vert measure units:	feet	Vertacc measure val:	5.0
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19630919	Welldepth:	397
Welldepth units:	ft	Wellholedepth:	400
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

E32
SSW **OR WELLS** **ORW400000006083**
1/4 - 1/2 Mile
Higher

Logid:	POLK 1844	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	150	Site id:	ORW400000006083

F33
SE **OR WELLS** **ORI400000008503**
1/4 - 1/2 Mile
Higher

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well inspe:	38198		
Physical l:	Not Reported	Inspection:	03/04/2005
Startcard :	Not Reported	Wl county :	LANE
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	ADELE, RICHARD		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	LANE
Tax lot:	700		
Township:	17		

Township c:	S		
Range:	3		
Range char:	W		
Sctn:	34		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.9452		
Longitude :	123.03924		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	SS	Pictures t:	0
Street of :	3675 FRANKLIN BLVD		
Street of1:	3675 FRANKLIN BLVD		
Last updt :	05/13/2005	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9452		
Newlong:	-123.03924		
Site id:	ORI400000008503		

F34
SE
1/4 - 1/2 Mile
Higher

OR WELLS **ORI400000008504**

Well inspe:	38199		
Physical l:	Not Reported	Inspection:	03/04/2005
Startcard :	Not Reported	Wl county :	LANE
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	ADELE, RICHARD		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported

Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	LANE
Tax lot:	700		
Township:	17		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	34		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.9452		
Longitude :	123.03924		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	SS	Pictures t:	0
Street of :	3675 FRANKLIN BLVD		
Street of1:	3675 FRANKLIN BLVD		
Last updt :	05/13/2005	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9452		
Newlong:	-123.03924		
Site id:	ORI400000008504		

Map ID Direction Distance Elevation	Database	EDR ID Number
G35 **SSE** **1/4 - 1/2 Mile** **Higher**	**OR WELLS**	**ORI400000008478**

Well inspe:	25881		
Physical l:	Not Reported	Inspection:	01/11/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST REPAIRED;		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	-1
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008478		

G36
SSE **OR WELLS** **ORI400000008477**
1/4 - 1/2 Mile
Higher

Well inspe:	25389		
Physical l:	Not Reported	Inspection:	12/18/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST STILL BENT; MUST BE REPAIRED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008477		

G37
SSE **OR WELLS** **ORI400000008480**
1/4 - 1/2 Mile
Higher

Well inspe:	33528		
Physical l:	Not Reported	Inspection:	01/09/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVERFRONT PARK IN SALEM; AT ENTRANCE TO STERN WHEELER		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	POST STILL BENT; MUST BE REPAIRED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008480		

G38
SSE **OR WELLS** **ORI400000008479**
1/4 - 1/2 Mile
Higher

Well inspe:	33420		
Physical l:	Not Reported	Inspection:	12/06/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; AT RIVER FRONT PARK; BESIDE DRIVEWAY ENTRANCE; SEE MAP		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	ONE POST DAMAGED; MUST REPAIR		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	1700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SW
Latitude d:	44.94326		
Longitude :	123.04285		
Gps horizo:	Not Reported		
Year const:	1993		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94326		
Newlong:	-123.04285		
Site id:	ORI400000008479		

H39
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008486**

Well inspe:	38871		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.9436		
Longitude :	123.03812		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9436		
Newlong:	-123.03812		
Site id:	ORI400000008486		

H40
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008485**

Well inspe:	38866		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	WASH
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.94355		
Longitude :	123.03783		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	16300 SW 192ND AVE		
Street of1:	384 CENTER ST NE		

Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94355		
Newlong:	-123.03783		
Site id:	ORI400000008485		

H41
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008482**

Well inspe:	38863		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.9433		
Longitude :	123.03811		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9433		
Newlong:	-123.03811		
Site id:	ORI400000008482		

H42
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008483**

Well inspe:	38865		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.9433		
Longitude :	123.03811		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		

Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9433		
Newlong:	-123.03811		
Site id:	ORI400000008483		

H43
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008476**

Well inspe:	38864		
Physical l:	Not Reported	Inspection:	09/08/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SOMIEC LIVING TRUST		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.94314		
Longitude :	123.03742		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	384 CENTER ST NE		
Street of1:	384 CENTER ST NE		
Last updt :	10/13/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94314		
Newlong:	-123.03742		
Site id:	ORI400000008476		

I44
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008565**

Well inspe:	43886		
Physical l:	Not Reported	Inspection:	05/15/2007
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TELOS DEVELOPMENT CO.		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	2500		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.95077		
Longitude :	-123.03249		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1195 BROADWAY ST NE		
Street of1:	1195 BROADWAY ST NE		

Last updt :	08/07/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95077		
Newlong:	-123.03249		
Site id:	ORI400000008565		

I45
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008562**

Well inspe:	44271		
Physical l:	Not Reported	Inspection:	08/09/2007
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TELOS DEVELOPMENT CO.		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	2500		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.95063		
Longitude :	-123.03227		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	WELL NOT COMPLETE - NO ATTACHED ID		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	DIP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	Not Reported	Pictures t:	0
Street of :	1195 BROADWAY ST NE		
Street of1:	1195 BROADWAY ST NE		
Last updt :	12/13/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95063		
Newlong:	-123.03227		
Site id:	ORI400000008562		

I46
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008564**

Well inspe:	43885		
Physical l:	Not Reported	Inspection:	05/15/2007
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TELOS DEVELOPMENT CO.		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	2500		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.95073		
Longitude :	-123.03205		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1195 BROADWAY ST NE		
Street of1:	1195 BROADWAY ST NE		

Last updt :	08/07/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95073		
Newlong:	-123.03205		
Site id:	ORI400000008564		

J47
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008585**

Well inspe:	35850		
Physical l:	Not Reported	Inspection:	06/11/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WILEY, DAN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO SC# AFFIXED TO WELL, WELL TAG MAY BELONG TO OTHER SC#, MAY BE THE 4" MW		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.95175		
Longitude :	123.03185		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT, MW L67963 HAS WELL TAG 67964		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	1264 BROADWAY ST NE, SALEM		
Last updt :	06/11/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95175		
Newlong:	-123.03185		
Site id:	ORI400000008585		

J48
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008586**

Well inspe:	36338		
Physical l:	Not Reported	Inspection:	07/08/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WILEY, DAN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	REINSPECTION...2 INCH		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.95175		
Longitude :	123.03185		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	1264 BROADWAY ST NE, SALEM		

Last updt :	07/12/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95175		
Newlong:	-123.03185		
Site id:	ORI400000008586		

J49
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008587**

Well inspe:	35851		
Physical l:	Not Reported	Inspection:	06/11/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WILEY, DAN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO SC# AFFIXED TO WELL, WELL TAG MAY BELONG TO OTHER SC#, MAY BE THE 4" MW		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.95177		
Longitude :	123.03182		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT, MW L67964 HAS WELL TAG 67963		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	1264 BROADWAY ST NE, SALEM		
Last updt :	06/11/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95177		
Newlong:	-123.03182		
Site id:	ORI400000008587		

J50
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008588**

Well inspe:	36339		
Physical l:	Not Reported	Inspection:	07/08/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WILEY, DAN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	REINSPECTION...4 INCH		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	SE
Latitude d:	44.95177		
Longitude :	123.03182		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	-1
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	0
Street of :	Not Reported		
Street of1:	1264 BROADWAY ST NE, SALEM		

Last updt :	07/12/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95177		
Newlong:	-123.03182		
Site id:	ORI400000008588		

I51
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008574**

Well inspe:	41727		
Physical l:	Not Reported	Inspection:	05/17/2006
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	BROADWAY PARTNER LIMITED PARTNERSHIP		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	84351		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	12		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.95146		
Longitude :	123.0317		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	Not Reported	Pictures t:	0
Street of :	1255 BROADWAY ST NE		
Street of1:	1255 BROADWAY ST NE		
Last updt :	06/08/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95146		
Newlong:	-123.0317		
Site id:	ORI400000008574		

I52
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008575**

Well inspe:	41728		
Physical l:	Not Reported	Inspection:	05/17/2006
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	BROADWAY PARTNER LIMITED PARTNERSHIP		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	84351		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	12		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.95146		
Longitude :	123.0317		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	Not Reported	Pictures t:	0
Street of :	1255 BROADWAY ST NE		
Street of1:	1255 BROADWAY ST NE		

Last updt :	06/08/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95146		
Newlong:	-123.0317		
Site id:	ORI400000008575		

I53
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008576**

Well inspe:	41729		
Physical l:	Not Reported	Inspection:	05/17/2006
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	BROADWAY PARTNER LIMITED PARTNERSHIP		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	-1	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	84351		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	12		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.95146		
Longitude :	123.0317		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	Not Reported	Pictures t:	0
Street of :	1255 BROADWAY ST NE		
Street of1:	1255 BROADWAY ST NE		
Last updt :	06/08/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95146		
Newlong:	-123.0317		
Site id:	ORI400000008576		

I54
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008570**

Well inspe:	38522		
Physical l:	Not Reported	Inspection:	07/22/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	84359		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.95135		
Longitude :	123.03163		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1211 BROADWAY ST NE		
Street of1:	1211 BROADWAY ST NE		

Last updt :	03/07/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95135		
Newlong:	-123.03163		
Site id:	ORI400000008570		

I55
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008577**

Well inspe:	38523		
Physical l:	Not Reported	Inspection:	07/22/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	84359		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.95153		
Longitude :	123.03164		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1211 BROADWAY ST NE		
Street of1:	1211 BROADWAY ST NE		
Last updt :	03/07/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95153		
Newlong:	-123.03164		
Site id:	ORI400000008577		

I56
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008568**

Well inspe:	38587		
Physical l:	Not Reported	Inspection:	07/22/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	WELL IS IN ROAD.		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	84359		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.95124		
Longitude :	123.03151		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1211 BROADWAY ST NE		
Street of1:	1211 BROADWAY ST NE		

Last updt :	08/19/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95124		
Newlong:	-123.03151		
Site id:	ORI400000008568		

J57
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008593**

Well inspe:	39137		
Physical l:	Not Reported	Inspection:	03/08/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKINS, KEITH		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	SITE VISIT COULD NOT LOCATE WELL		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	8200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.95217		
Longitude :	123.03154		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	1246 BROADWAY ST		
Last updt :	03/27/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95217		
Newlong:	-123.03154		
Site id:	ORI400000008593		

J58
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008594**

Well inspe:	40777		
Physical l:	Not Reported	Inspection:	03/08/2006
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKINS, KEITH		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	8700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.95217		
Longitude :	123.03154		
Gps horizo:	Not Reported		
Year const:	2006		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	SS	Pictures t:	0
Street of :	Not Reported		
Street of1:	1246 BROADWAY ST		

Last updt :	03/27/2006	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95217		
Newlong:	-123.03154		
Site id:	ORI400000008594		

K59
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008462**

Well inspe:	30041		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG; LOCK NOW INSTALLED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94184		
Longitude :	123.03711		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94184		
Newlong:	-123.03711		
Site id:	ORI400000008462		

K60
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008463**

Well inspe:	34427		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG ; NO LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94184		
Longitude :	123.03711		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94184		
Newlong:	-123.03711		
Site id:	ORI400000008463		

K61
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008459**

Well inspe:	28884		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94178		
Longitude :	123.03706		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94178		
Newlong:	-123.03706		
Site id:	ORI400000008459		

K62
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008460**

Well inspe:	29421		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94178		
Longitude :	123.03706		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94178		
Newlong:	-123.03706		
Site id:	ORI400000008460		

K63
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008456**

Well inspe:	28882		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94175		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94175		
Newlong:	-123.0371		
Site id:	ORI400000008456		

K64
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008457**

Well inspe:	29420		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94175		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94175		
Newlong:	-123.0371		
Site id:	ORI400000008457		

K65
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008453**

Well inspe:	29419		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; NO LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94171		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94171		
Newlong:	-123.0371		
Site id:	ORI400000008453		

K66
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008454**

Well inspe:	34278		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94171		
Longitude :	123.0371		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94171		
Newlong:	-123.0371		
Site id:	ORI400000008454		

K67
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008446**

Well inspe:	28883		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94168		
Longitude :	123.03712		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94168		
Newlong:	-123.03712		
Site id:	ORI400000008446		

K68
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008447**

Well inspe:	29418		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED; NO LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94168		
Longitude :	123.03712		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94168		
Newlong:	-123.03712		
Site id:	ORI400000008447		

69
SE
1/2 - 1 Mile
Higher

FRDS PWS **OR4194503**

Pwsid:	OR4194503	Epa region:	10
State:	OR	County:	Marion
Pws name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Population Served:	141	Pwssvcconn:	24
PWS Source:	Groundwater		
Pws type:	TNCWS		
Status:	Active	Owner type:	State_Govt
Facility id:	15070		
Facility name:	EP for WELL		
Facility type:	Sampling_station	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	HARNEY, JAMES		
Original name:	HARNEY, JAMES		
Contact phone:	503-678-1251	Contact address1:	7679 CHAMPOEG RD NE
Contact address2:	Not Reported		
Contact city:	ST PAUL		
Contact zip:	97137		
Facility id:	20257		
Facility name:	COMMON HEADER FOR WTP-A		
Facility type:	Common_headers	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Facility id:	5785		
Facility name:	WELL		
Facility type:	Well	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Facility id:	10805		
Facility name:	Distribution System		
Facility type:	Distribution_system_zone	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Facility id:	1262		
Facility name:	TP FOR WELL		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
PWS ID:	OR4194503		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	SPRD CHAMPOEG OVERNIGHT ST PK ST PAUL, OR 97137		
Addressee / Facility:	Not Reported		

Facility Latitude:	44 56 35	Facility Longitude:	123 02 02
City Served:	Not Reported		
Treatment Class:	Treated	Population:	00001000

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	OR4194503
Pwsname:	OPRD CHAMPOEG OVERNIGHT ST PK		
Retpopsrvd:	141	Pwstypecod:	NC
Vioid:	694105	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	10/1/2004 0:00:00		
Complperen:	12/31/2004 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	OR4194503
Pwsname:	OPRD CHAMPOEG OVERNIGHT ST PK		
Retpopsrvd:	141	Pwstypecod:	NC
Vioid:	694205	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	1/1/2005 0:00:00		
Complperen:	3/31/2005 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	OR4194503
Pwsname:	OPRD CHAMPOEG OVERNIGHT ST PK		
Retpopsrvd:	141	Pwstypecod:	NC
Vioid:	694305	Contaminant:	NITRATE
Viol. Type:	3		
Complperbe:	1/1/2005 0:00:00		
Complperen:	12/31/2005 0:00:00	Enfdate:	8/3/2007 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	OR4194503
Pwsname:	OPRD CHAMPOEG OVERNIGHT ST PK		
Retpopsrvd:	141	Pwstypecod:	NC
Vioid:	694407	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	7/1/2006 0:00:00		
Complperen:	9/30/2006 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	OR4194503
Pwsname:	OPRD CHAMPOEG OVERNIGHT ST PK		
Retpopsrvd:	141	Pwstypecod:	NC
Vioid:	694507	Contaminant:	NITRATE
Viol. Type:	3		
Complperbe:	1/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	8/3/2007 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

ENFORCEMENT INFORMATION:

System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	694105		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	694105		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2005 0:00:00 - 3/31/2005 0:00:00		
Violation ID:	694205		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2005 0:00:00 - 3/31/2005 0:00:00		
Violation ID:	694205		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2005 0:00:00 - 12/31/2005 0:00:00		
Violation ID:	694305		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2005 0:00:00 - 12/31/2005 0:00:00		
Violation ID:	694305		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2006 0:00:00 - 9/30/2006 0:00:00		
Violation ID:	694407		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	OPRD CHAMPOEG OVERNIGHT ST PK		
Violation Type:	3		
Contaminant:	NITRATE		
Compliance Period:	1/1/2006 0:00:00 - 12/31/2006 0:00:00		
Violation ID:	694507		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	OPRD CHAMPOEG OVERNIGHT ST		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-07-01 - 1994-09-30		
Violation ID:	9406940		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

ENFORCEMENT INFORMATION:

System Name:	OPRD CHAMPOEG OVERNIGHT ST		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-01-01 - 1995-03-31		
Violation ID:	9503182		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

CONTACT INFORMATION:

Name:	OPRD CHAMPOEG OVERNIGHT ST PK	Population:	141
Contact:	HARNEY, JAMES	Phone:	Not Reported
Address:	7679 CHAMPOEG RD NE		
Address 2:	ST PAUL OR, 97 503-6		

J70
East **OR WELLS** **ORI400000008581**
1/2 - 1 Mile
Higher

Well inspe:	30811		
Physical l:	Not Reported	Inspection:	06/23/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKENS, KEITH C/O ADVANCED REMEDIATION TECHNOLOGY; 1264 BROADWAY ST. NE, SALEM,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MONUMENT DOES NOT APPEAR DESIGNED TO BE WATER-TIGHT; SC# NOT STAMPED ON RIM; NO		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.95157		
Longitude :	123.03105		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	Not Reported		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95157		
Newlong:	-123.03105		
Site id:	ORI400000008581		

J71
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008582**

Well inspe:	33292		
Physical l:	Not Reported	Inspection:	08/29/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKENS, KEITH C/O ADVANCED REMEDIATION TECHNOLOGY; 1264 BROADWAY ST. NE, SALEM,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING, MONUMENT OK; SC# NOW STAMPED ON RIM, CEMENT SEAL		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	NE
Latitude d:	44.95157		
Longitude :	123.03105		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95157		
Newlong:	-123.03105		
Site id:	ORI400000008582		

K72
SE **OR WELLS** **ORI400000008449**
1/2 - 1 Mile
Higher

Well inspe:	30039		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING VERIFIED, J-PLUG WITH LOCK; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008449		

K73
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008448**

Well inspe:	29416		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING VERIFIED, J-PLUG WITH BROKEN TAB; NO LOCK; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008448		

K74
SE **OR WELLS** **ORI400000008451**
1/2 - 1 Mile
Higher

Well inspe:	31464		
Physical l:	Not Reported	Inspection:	09/11/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	STAMPED START CARD NUMBER ON VAULT		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008451		

K75
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008450**

Well inspe:	31418		
Physical l:	Not Reported	Inspection:	09/09/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NEW VAULT WITH PIPE ENTERING FROM SIDE, SEALED AT VAULT WALL, NO SC# STAMPED		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.9417		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9417		
Newlong:	-123.03703		
Site id:	ORI400000008450		

K76
SE **OR WELLS** **ORI400000008444**
1/2 - 1 Mile
Higher

Well inspe:	29417		
Physical l:	Not Reported	Inspection:	01/10/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG ; NO LOCK; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94167		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94167		
Newlong:	-123.03703		
Site id:	ORI400000008444		

K77
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008445**

Well inspe:	30040		
Physical l:	Not Reported	Inspection:	03/04/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTIES; NEAR ALLEY BETWEEN LIBERTY & HIGH STS.,		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING VERIFIED, J-PLUG; LOCK NOW INSTALLED; WATER IN VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94167		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94167		
Newlong:	-123.03703		
Site id:	ORI400000008445		

K78
SE **OR WELLS** **ORI400000008455**
1/2 - 1 Mile
Higher

Well inspe:	34280		
Physical l:	Not Reported	Inspection:	10/29/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CHEMEKA & HIGH STS. SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH GRADE, 2" VERIFIED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94171		
Longitude :	123.03685		
Gps horizo:	Not Reported		
Year const:	2002		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	Not Reported
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94171		
Newlong:	-123.03685		
Site id:	ORI400000008455		

K79
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008438**

Well inspe:	31419		
Physical l:	Not Reported	Inspection:	09/09/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTY, NEAR ALLEY BETWEEN HIGH ST. & LIBERTY, COU		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING, 12" FLUSH VAULT, HOOKED TO SYSTEM, SEALED PIPE ENTERS SIDE OF VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94161		
Longitude :	123.03703		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94161		
Newlong:	-123.03703		
Site id:	ORI400000008438		

K80
SE **OR WELLS** **ORI400000008432**
1/2 - 1 Mile
Higher

Well inspe:	31420		
Physical l:	Not Reported	Inspection:	09/09/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	WELLS FARGO BANK; CORPORATE PROPERTY, NEAR ALLEY BETWEEN HIGH ST. & LIBERTY, COU		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	4" CASING, 12" FLUSH VAULT, HOOKED TO SYSTEM, SEALED PIPE ENTERS SIDE OF VAULT		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SW	Qtr160:	SE
Latitude d:	44.94157		
Longitude :	123.03709		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94157		
Newlong:	-123.03709		
Site id:	ORI400000008432		

J81
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008572**

Well inspe:	25833		
Physical l:	Not Reported	Inspection:	01/09/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	RAWLINSONS CLEANERS; ARAMARK; 1264 NE BROADWAY ST, SALEM; SEE SITE MAP		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	LOCK ATTACHED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	NE
Latitude d:	44.95135		
Longitude :	123.0307		
Gps horizo:	Not Reported		
Year const:	2001		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	WIRE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95135		
Newlong:	-123.0307		
Site id:	ORI400000008572		

J82
East **OR WELLS** **ORI400000008571**
1/2 - 1 Mile
Higher

Well inspe:	25390		
Physical l:	Not Reported	Inspection:	12/18/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	RAWLINSONS CLEANERS; ARAMARK; 1264 NE BROADWAY ST, SALEM; SEE SITE MAP		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK ATTACHED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	NE
Latitude d:	44.95135		
Longitude :	123.0307		
Gps horizo:	Not Reported		
Year const:	2001		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	WIRE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95135		
Newlong:	-123.0307		
Site id:	ORI400000008571		

L83
ENE **OR WELLS** **ORI400000008601**
1/2 - 1 Mile
Higher

Well inspe:	30816		
Physical l:	Not Reported	Inspection:	06/23/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TINSETH, VANCE; WELL IN BACK YARD OF HOUSE OFF ALLEY WEST OF BROADWAY BETWEEN SH		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	1-1/2" ABOVE GRADE, SO LANDOWNER CAN LAY A GRAVEL DRIVEWAY AROUND WELL; 2" CASIN		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	7500		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.95335		
Longitude :	123.03126		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95335		
Newlong:	-123.03126		
Site id:	ORI400000008601		

J84
East **OR WELLS** **ORI400000008589**
1/2 - 1 Mile
Higher

Well inspe:	25391		
Physical l:	Not Reported	Inspection:	12/18/2001
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	RAWLINSONS CLEANERS; ARAMARK; 1264 NE BROADWAY ST, SALEM; SEE SITE MAP		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	NO LOCK ATTACHED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	NE
Latitude d:	44.95178		
Longitude :	123.03064		
Gps horizo:	Not Reported		
Year const:	2001		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	WIRE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95178		
Newlong:	-123.03064		
Site id:	ORI400000008589		

J85
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008590**

Well inspe:	25828		
Physical l:	Not Reported	Inspection:	01/09/2002
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	RAWLINSONS CLEANERS; ARAMARK; 1264 NE BROADWAY ST, SALEM; SEE SITE MAP		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	LOCK ATTACHED		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NW	Qtr160:	NE
Latitude d:	44.95178		
Longitude :	123.03064		
Gps horizo:	Not Reported		
Year const:	2001		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	WIRE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95178		
Newlong:	-123.03064		
Site id:	ORI400000008590		

L86
ENE **OR WELLS** **ORI400000008604**
1/2 - 1 Mile
Higher

Well inspe:	30815		
Physical l:	Not Reported	Inspection:	06/23/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TINSETH, VANCE; WELL IN PARKING OFF ALLEY BEHIND DUPLEX WEST OF BROADWAY BETWEEN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH; 2" CASING, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	7400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.95345		
Longitude :	123.03113		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95345		
Newlong:	-123.03113		
Site id:	ORI400000008604		

L87
ENE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008603**

Well inspe:	30817		
Physical l:	Not Reported	Inspection:	06/23/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	-1	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	VANCE SMITH; WELL BEHIND BUSINESS AT 1415 BROADWAY ST NE, SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 2" CASING, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	7800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.9534		
Longitude :	123.03103		
Gps horizo:	Not Reported		
Year const:	2001		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9534		
Newlong:	-123.03103		
Site id:	ORI400000008603		

L88
ENE **OR WELLS** **ORI400000008595**
1/2 - 1 Mile
Higher

Well inspe:	38857		
Physical l:	Not Reported	Inspection:	09/28/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SALEM ALLIANCE CHRUCH; FRANCE, TIM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	8000		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.95267		
Longitude :	123.03057		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1390 BROADWAY ST NE		
Street of1:	1390 BROADWAY ST NE		
Last updt :	10/10/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95267		
Newlong:	-123.03057		
Site id:	ORI400000008595		

L89
ENE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008596**

Well inspe:	38858		
Physical l:	Not Reported	Inspection:	09/28/2005
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SALEM ALLIANCE CHURCH; FRANCE, TIM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	8000		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.95267		
Longitude :	123.03057		
Gps horizo:	Not Reported		
Year const:	2005		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1390 BROADWAY ST NE		
Street of1:	1390 BROADWAY ST NE		
Last updt :	10/10/2005	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95267		
Newlong:	-123.03057		
Site id:	ORI400000008596		

L90
ENE **OR WELLS** **ORI400000008605**
1/2 - 1 Mile
Higher

Well inspe:	34781		
Physical l:	Not Reported	Inspection:	06/23/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TINSETH, VANCE; WELL AT 1487 BROADWAY ST. NE, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	FLUSH, 2" CASING, J-PLUG WITH LOCK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	7900		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	NE	Qtr160:	NE
Latitude d:	44.95352		
Longitude :	123.03078		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95352		
Newlong:	-123.03078		
Site id:	ORI400000008605		

M91
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008583**

Well inspe:	32447		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKINS, KEITH		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	APPEARS RECENTLY DRILLED. DRILL CUTTINGS FROM THIS OR NEARBY WELL SPREAD OUT ARO		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.95158		
Longitude :	123.03008		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95158		
Newlong:	-123.03008		
Site id:	ORI400000008583		

M92
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008584**

Well inspe:	32463		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKINS, KEITH 1264 BROADWAY ST. NE, SALEM, OR		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DRILL CUTTINGS SPREAD OUT ON GROUND AROUND THE TWO WELLS		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.95158		
Longitude :	123.03008		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95158		
Newlong:	-123.03008		
Site id:	ORI400000008584		

M93
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008578**

Well inspe:	32448		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKINS, KEITH		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	OPEN SPACE NEXT TO CASING POSS. DUE TO GROUT SETTLING. PROBED TO 3-4 FT, OPEN AL		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.95156		
Longitude :	123.03004		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95156		
Newlong:	-123.03004		
Site id:	ORI400000008578		

M94
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008579**

Well inspe:	32464		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKINS, KEITH		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	GROUT SEAL SETTLED AROUND CASING, DEILL CUTTINGS SPREAD OUT ON GROUND		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.95156		
Longitude :	123.03004		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95156		
Newlong:	-123.03004		
Site id:	ORI400000008579		

M95
East
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008580**

Well inspe:	32626		
Physical l:	Not Reported	Inspection:	03/15/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	PERKINS, KEITH		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DRILLER CAME BACK AND TOPPED OFF HOLE, GROUT HAD SETTLED AROUND CASING		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	100		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	Not Reported	Qtr160:	Not Reported
Latitude d:	44.95156		
Longitude :	123.03004		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	-1
Inspected1:	AJK	Wm region:	NW
Well tag a:	STRAP		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.95156		
Newlong:	-123.03004		
Site id:	ORI400000008580		

N96
ESE **OR WELLS** **ORI400000008494**
1/2 - 1 Mile
Higher

Well inspe:	31585		
Physical l:	Not Reported	Inspection:	09/30/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	-1	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; PUBLIC WORKS; INTERSECTION OF UNION & COTTAGE, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING, J-PLUG, NO LOCK, CEMENT SEAL		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.9443		
Longitude :	123.03129		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9443		
Newlong:	-123.03129		
Site id:	ORI400000008494		

N97
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008497**

Well inspe:	31723		
Physical l:	Not Reported	Inspection:	10/28/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SQUIRE & ASSOC;NW CORNER UNION & COTTAGE ST INTERSECTION,SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	DEWATERING WELL, FLUSH MONUMENT; NO VARIANCE; NO TAG		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.94437		
Longitude :	123.03119		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	Y	Previous i:	-1
Inspected1:	KRB	Wm region:	NW
Well tag a:	NONE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94437		
Newlong:	-123.03119		
Site id:	ORI400000008497		

N98
ESE **OR WELLS** **ORI400000008495**
1/2 - 1 Mile
Higher

Well inspe:	34880		
Physical l:	Not Reported	Inspection:	09/30/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	-1	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; PUBLIC WORKS; INTERSECTION OF UNION & COTTAGE, SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING, J-PLUG, NO LOCK, CEMENT SEAL		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0

Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.94434		
Longitude :	123.03107		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94434		
Newlong:	-123.03107		
Site id:	ORI400000008495		

N99
ESE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008496**

Well inspe:	34908		
Physical l:	Not Reported	Inspection:	10/24/2003
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	-1	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM; PUBLIC WORKS; INTERSECTION OF UNION & COTTAGE, SALEM		
Street:	Not Reported	City:	Not Reported

State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	2" CASING, J-PLUG, LOCK INSTALLED, CEMENT SEAL		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.94434		
Longitude :	123.03107		
Gps horizo:	Not Reported		
Year const:	2003		
Date const:	Not Reported	Date con 1:	Not Reported

Deficienci:	N	Previous i:	0
Inspected1:	DIP	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	pedersdi
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94434		
Newlong:	-123.03107		
Site id:	ORI400000008496		

100
North
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006220**

Logid:	POLK 50073	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	GPS
Horizerr:	8	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	392		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	135	Site id:	ORW400000006220

O101
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008469**

Well inspe:	32450		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATESMAN JOURNAL		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.94211		
Longitude :	123.03286		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94211		
Newlong:	-123.03286		
Site id:	ORI400000008469		

O102
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008467**

Well inspe:	32452		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATESMAN JOURNAL		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.94199		
Longitude :	123.03281		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94199		
Newlong:	-123.03281		
Site id:	ORI400000008467		

O103
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008468**

Well inspe:	32451		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATESMAN JOURNAL		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.94207		
Longitude :	123.03265		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		

Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94207		
Newlong:	-123.03265		
Site id:	ORI400000008468		

O104
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008461**

Well inspe:	35129		
Physical l:	Not Reported	Inspection:	02/19/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATESMAN JOURNAL, 680 CENTER ST NE, SALEM, OR		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.9418		
Longitude :	123.0327		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	AJK	Wm region:	NW
Well tag a:	ZIPTIE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	Not Reported
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	Not Reported	Pictures t:	0
Street of :	Not Reported		
Street of1:	Not Reported		
Last updt :	01/01/2000	Last updt1:	kimaj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9418		
Newlong:	-123.0327		
Site id:	ORI400000008461		

P105
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008663**

Well inspe:	188		
Physical l:	Not Reported	Inspection:	07/24/2008
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATE INVESTMENTS LLC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	WELL NOT LOCKED, I LOCKED IT.		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96003		
Longitude :	-123.03389		
Gps horizo:	Not Reported		
Year const:	2008		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	LLR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	205 COLUMBIA AVE NE		
Street of1:	205 COLUMBIA AVE NE		

Last updt :	07/24/2008	Last updt1:	ramseyll
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96003		
Newlong:	-123.03389		
Site id:	ORI400000008663		

P106
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008665**

Well inspe:	42726		
Physical l:	Not Reported	Inspection:	07/24/2008
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	0	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	-1
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	NW	Qtr160:	SE
Latitude d:	44.96006		
Longitude :	-123.03392		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	LLR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	205 COLUMBIA ST NE		
Street of1:	205 COLUMBIA ST NE, SALEM		
Last updt :	07/24/2008	Last updt1:	ramseyll
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96006		
Newlong:	-123.03392		
Site id:	ORI400000008665		

P107
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008664**

Well inspe:	187		
Physical l:	Not Reported	Inspection:	07/24/2008
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATE INVESTMENTS LLC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96003		
Longitude :	-123.03387		
Gps horizo:	Not Reported		
Year const:	2008		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	-1
Inspected1:	LLR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	205 COLUMBIA AVE NE		
Street of1:	205 COLUMBIA AVE NE		

Last updt :	07/24/2008	Last updt1:	ramseyll
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96003		
Newlong:	-123.03387		
Site id:	ORI400000008664		

P108
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008666**

Well inspe:	42725		
Physical l:	Not Reported	Inspection:	07/21/2008
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATE INVESTMENTS LLC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	J PLUG CAP LOOSE, CALLED DRILLER		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96006		
Longitude :	-123.03384		
Gps horizo:	Not Reported		
Year const:	2008		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	0
Inspected1:	LLR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	205 COLUMBIA AVE NE		
Street of1:	205 COLUMBIA AVE NE		
Last updt :	07/24/2008	Last updt1:	ramseyll
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96006		
Newlong:	-123.03384		
Site id:	ORI400000008666		

P109
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008668**

Well inspe:	42724		
Physical l:	Not Reported	Inspection:	07/24/2008
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATE INVESTMENTS LLC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	CALLED CONTRACTOR		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96008		
Longitude :	-123.03387		
Gps horizo:	Not Reported		
Year const:	0		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	LLR	Wm region:	NW
Well tag a:	ID STUCK IN CONCRETE/J PLUG LOOSE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	205 COLUMBIA AVE NE		
Street of1:	205 COLUMBIA AVE NE		

Last updt :	10/08/2008	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96008		
Newlong:	-123.03387		
Site id:	ORI400000008668		

P110
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008667**

Well inspe:	44139		
Physical l:	Not Reported	Inspection:	06/15/2007
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	TRUAX		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	NW	Qtr160:	SE
Latitude d:	44.96007		
Longitude :	-123.03377		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	205 COLUMBIA ST NE, SALEM		
Street of1:	205 COLUMBIA ST NE, SALEM		
Last updt :	12/13/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96007		
Newlong:	-123.03377		
Site id:	ORI400000008667		

P111
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008669**

Well inspe:	186		
Physical l:	Not Reported	Inspection:	07/24/2008
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATE INVESTMENTS LLC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96008		
Longitude :	-123.03374		
Gps horizo:	Not Reported		
Year const:	2008		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	LLR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE, J PLUG LOOSE CONTACTED CONTRACTOR 7/24/08		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	205 COLUMBIA AVE NE		
Street of1:	205 COLUMBIA AVE NE		

Last updt :	07/24/2008	Last updt1:	ramseyll
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96008		
Newlong:	-123.03374		
Site id:	ORI400000008669		

Q112
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008414**

Well inspe:	44037		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94074		
Longitude :	-123.05836		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94074		
Newlong:	-123.05836		
Site id:	ORI400000008414		

Q113
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008416**

Well inspe:	44040		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10400		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94092		
Longitude :	-123.05865		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	JP	Pictures t:	-1
Street of :	Not Reported		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94092		
Newlong:	-123.05865		
Site id:	ORI400000008416		

114
SSW
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006021**

Logid:	MARI 8118	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	130	Site id:	ORW400000006021

Q115
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008415**

Well inspe:	43634		
Physical l:	Not Reported	Inspection:	08/22/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported

Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.9408		
Longitude :	-123.05857		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JWJ	Wm region:	NW
Well tag a:	BANDED TO CASING		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		
Last updt :	12/03/2007	Last updt1:	jefferjw
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9408		
Newlong:	-123.05857		
Site id:	ORI400000008415		

Map ID Direction Distance Elevation		Database	EDR ID Number
R116 **SSE** **1/2 - 1 Mile** **Higher**		**OR WELLS**	**ORI400000008374**

Well inspe:	36353		
Physical l:	Not Reported	Inspection:	07/08/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW2		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	3200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.93757		
Longitude :	123.04066		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	SS	Pictures t:	0
Street of :	Not Reported		
Street of1:	370 TRADE ST SE, SALEM		
Last updt :	07/13/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.93757		
Newlong:	-123.04066		
Site id:	ORI400000008374		

Q117
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008407**

Well inspe:	44041		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	Not Reported		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94057		
Longitude :	-123.0583		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	ACROSS FROM 1175 EDGEWATER ST		
Street of1:	ACROSS FROM 1175 EDGEWATER ST		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94057		
Newlong:	-123.0583		
Site id:	ORI400000008407		

R118
SSE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008373**

Well inspe:	36352		
Physical l:	Not Reported	Inspection:	07/08/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW4		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	3200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.93755		
Longitude :	123.04061		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	SS	Pictures t:	0
Street of :	Not Reported		
Street of1:	370 TRADE ST SE, SALEM		
Last updt :	07/13/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.93755		
Newlong:	-123.04061		
Site id:	ORI400000008373		

Q119
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008411**

Well inspe:	43574		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94067		
Longitude :	-123.05848		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94067		
Newlong:	-123.05848		
Site id:	ORI400000008411		

R120
SSE **OR WELLS** **ORI400000008375**
1/2 - 1 Mile
Higher

Well inspe:	36355		
Physical l:	Not Reported	Inspection:	07/08/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW1		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	3200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.9376		
Longitude :	123.04028		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	SS	Pictures t:	0
Street of :	Not Reported		
Street of1:	370 TRADE ST SE, SALEM		
Last updt :	07/13/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9376		
Newlong:	-123.04028		
Site id:	ORI400000008375		

Q121
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008413**

Well inspe:	44038		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94072		
Longitude :	-123.05862		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94072		
Newlong:	-123.05862		
Site id:	ORI400000008413		

R122
SSE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008371**

Well inspe:	36354		
Physical l:	Not Reported	Inspection:	07/08/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	CITY OF SALEM		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	MW3		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	3200		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	27		
Qtr40:	SW	Qtr160:	NW
Latitude d:	44.9375		
Longitude :	123.0406		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	KAW	Wm region:	NW
Well tag a:	BANDED IN CEMENT		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	SS	Pictures t:	0
Street of :	Not Reported		
Street of1:	370 TRADE ST SE, SALEM		
Last updt :	07/13/2004	Last updt1:	wilckeka
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.9375		
Newlong:	-123.0406		
Site id:	ORI400000008371		

Q123
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008409**

Well inspe:	43247		
Physical l:	Not Reported	Inspection:	02/08/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94063		
Longitude :	-123.05852		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	JJU	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	0
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST NW, SALEM		

Last updt :	02/28/2007	Last updt1:	ungerjj
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94063		
Newlong:	-123.05852		
Site id:	ORI400000008409		

P124
NE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008672**

Well inspe:	185		
Physical l:	Not Reported	Inspection:	07/24/2008
Startcard :	Not Reported	Wl county :	MARI
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	STATE INVESTMENTS LLC		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	HE WILL CONTACT KLEINFELDER TO REMEDY/1 WEEK RECHECK		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	5700		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	15		
Qtr40:	SE	Qtr160:	NW
Latitude d:	44.96034		
Longitude :	-123.03372		
Gps horizo:	Not Reported		
Year const:	2008		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	Y	Previous i:	-1
Inspected1:	LLR	Wm region:	NW
Well tag a:	ZIP TIE @ CASING J PLUG INSECURE ON TOP OF WELL CASING CALLED PETE LARSEN ON 7/2		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	SP	Pictures t:	0
Street of :	205 COLUMBIA AVE NE		
Street of1:	205 COLUMBIA AVE NE		
Last updt :	07/24/2008	Last updt1:	ramseyll
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.96034		
Newlong:	-123.03372		
Site id:	ORI400000008672		

S125
SE
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008429**

Well inspe:	35740		
Physical l:	Not Reported	Inspection:	05/27/2004
Startcard :	Not Reported	Wl county :	Not Reported
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	SAINT JOSEPHS CHURCH		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0

Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0
Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	MARI
Tax lot:	4800		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	22		
Qtr40:	SE	Qtr160:	SE
Latitude d:	44.94119		
Longitude :	123.03194		
Gps horizo:	Not Reported		
Year const:	2004		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	N	Previous i:	0
Inspected1:	KRB	Wm region:	NW
Well tag a:	BANDED		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	Not Reported
Casing cap:	SS	Pictures t:	0
Street of :	Not Reported		
Street of1:	721 CHEMEKETA ST NE, SALEM		

Last updt :	05/27/2004	Last updt1:	byrdkr
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94119		
Newlong:	-123.03194		
Site id:	ORI400000008429		

Q126
SW
1/2 - 1 Mile
Higher

OR WELLS **ORI400000008408**

Well inspe:	44039		
Physical l:	Not Reported	Inspection:	09/26/2007
Startcard :	Not Reported	Wl county :	POLK
Wl nbr:	Not Reported	Startcard1:	Not Reported
Well tag n:	Not Reported	No log:	0
Property o:	Not Reported	Inspecti 1:	Not Reported
Special st:	0	Title:	Not Reported
Inspecti 2:	Not Reported	Witnesses:	Not Reported
Name owner:	OSWALD, JOHN		
Street:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone home:	Not Reported	Phone comp:	Not Reported
Gps on wel:	0	Distance t:	Not Reported
Bearing to:	Not Reported	Drilling m:	Not Reported
Use of wel:	Not Reported	Drilling 1:	0
Rough log :	0	Inspected :	Not Reported
Well tag r:	Not Reported		
Monitoring:	Not Reported	Monitori 1:	0
Protective:	0	Well locke:	0
Consultant:	0	Water in v:	0
Seal test :	Not Reported	Samples ta:	0
Casing dia:	Not Reported	Csg above :	Not Reported
Csg gauge:	Not Reported	Borehole d:	Not Reported
Dedicated :	0	Access por:	0
Access p 1:	Not Reported	Measuring :	Not Reported
Measuring1:	0	Depth belo:	Not Reported
Depth be 1:	Not Reported	Tape hold:	Not Reported
Tape missi:	Not Reported	Tape cut:	Not Reported
Water leve:	Not Reported	Water le 1:	Not Reported
Cascading :	0	Pump type:	Not Reported
Pump make:	Not Reported	Pump hp:	Not Reported
Flowmeter :	Not Reported	Flowmeter1:	Not Reported
Flowmete 1:	Not Reported	Flowmete 2:	Not Reported
Associated:	Not Reported	Nbr of hou:	Not Reported
Deficiency:	Not Reported		
Inspecti 3:	Not Reported		
Work new:	-1	Work deepe:	0
Work conve:	0	Work alter:	0
Work aband:	0	Work exist:	0
Work other:	Not Reported	Drill rota:	0
Drill ro 1:	0	Drill cabl:	0
Drill ca 1:	0	Drill reve:	0
Drill re 1:	0	Drill auge:	0
Drill push:	0	Drill hand:	0
Drill holl:	0	Drill soni:	0
Drill othe:	Not Reported	Use domest:	0
Use irriga:	0	Use commun:	0
Use indust:	0	Use livest:	0
Use dewate:	0	Use monito:	0
Use therma:	0	Use inject:	0

Use piezom:	0	Use observ:	0
Use recove:	0	Use other:	Not Reported
Bentonite :	0	Conductivi:	Not Reported
Conducti 1:	Not Reported		
Measuremen:	Not Reported		
Well tag 1:	Not Reported	Bonded lic:	Not Reported
Unbonded l:	Not Reported	Bonded dri:	Not Reported
Unbonded d:	Not Reported	County cod:	POLK
Tax lot:	10300		
Township:	7		
Township c:	S		
Range:	3		
Range char:	W		
Sctn:	21		
Qtr40:	SE	Qtr160:	SW
Latitude d:	44.94061		
Longitude :	-123.0587		
Gps horizo:	Not Reported		
Year const:	2007		
Date const:	Not Reported	Date con 1:	Not Reported
Deficienci:	U	Previous i:	0
Inspected1:	GOR	Wm region:	NW
Well tag a:	ZIP TIE IN CONCRETE		
Well tag 2:	Not Reported	Depth:	Not Reported
Static wat:	Not Reported	Status of :	CMP
Location r:	Not Reported		
Site visit:	0	Type of lo:	M
Casing cap:	JP	Pictures t:	-1
Street of :	1175 EDGEWATER ST, SALEM		
Street of1:	1175 EDGEWATER ST, SALEM		
Last updt :	09/26/2007	Last updt1:	burtonge
Rec creati:	06/01/2009	Rec crea 1:	OWRD\migrate
Newlat:	44.94061		
Newlong:	-123.0587		
Site id:	ORI400000008408		

127
SSW
1/2 - 1 Mile
Lower

OR WELLS **ORW400000006024**

Logid:	MARI 8117	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	0	Obswell:	9
Recwell:	9	Obsflagall:	Not Reported
Lsdelev:	130	Site id:	ORW400000006024

S128
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000991469**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-OR		
Formal name:	USGS Oregon Water Science Center		
Monloc Identifier:	USGS-445627123014701		
Monloc name:	07S/03W-27AAA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17090007	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.9406753
Longitude:	-123.0309295	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	163.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19590819	Welldepth:	220
Welldepth units:	ft	Wellholedepth:	220
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 50

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-10-13	17.68		1981-04-03	17.10	
1980-10-07	22.52				
Note: The site was being pumped.					
1980-03-05	16.88		1978-02-09	17.09	
1977-05-04	18.52		1977-02-03	17.81	
1975-11-07	20.36		1975-10-27	20.23	
1975-05-05	18.31		1975-04-30	18.45	
1975-02-21	17.00		1973-11-30	24.50	
1973-10-29	19.27				
1973-08-01	64.50				
Note: The site had been pumped recently.					
1973-02-13	20.67		1972-06-23	54.50	
1972-03-20	18.38		1971-01-05	18.77	
1970-09-29	31.43		1970-06-29	26.90	
1970-03-25	18.90		1969-12-23	19.07	
1969-09-29	30.97		1969-06-27	27.69	
1969-03-24	19.51		1969-01-06	16.52	
1968-09-13	31.32		1968-05-15	22.00	
1968-02-20	19.24		1967-12-04	20.72	
1967-09-13	30.94		1967-06-07	25.25	
1967-03-06	17.74		1966-12-13	19.26	
1966-08-31	29.76		1966-06-10	25.00	
1966-03-16	17.08		1965-12-09	19.25	
1965-09-15	32.23		1965-05-27	21.58	
1965-02-11	16.89		1964-12-13	17.58	
1964-02-04	47.37				
Note: The site had been pumped recently.					
1963-12-05	17.63				
1963-08-16	50.66				
Note: The site had been pumped recently.					
1963-06-10	22.09				
1963-06-05	37.55				
Note: The site had been pumped recently.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1963-03-13	17.14		1963-02-28	16.99	

S129
SE
1/2 - 1 Mile
Higher

OR WELLS **ORW400000006043**

Logid:	MARI 8108	Lstupdate:	Not Reported
Establby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW		
Welltag:	0		
Sownum:	666	Obswell:	N
Recwell:	9	Obsflagall:	SN
Lsdelev:	163	Site id:	ORW400000006043

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97304	35	48.8	0.3	8.2	17

Federal EPA Radon Zone for POLK County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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

Oil and Gas Well Locations
Source: Department of Geology and Mineral Industries
Telephone: 971-673-1540
A listing of oil and gas well locations in the state.

RADON

State Database: OR Radon
Source: Oregon Health Services
Telephone: 503-731-4272
Radon Levels in Orgeon

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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C Sample Plan Alteration Forms

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SAMPLE PLAN ALTERATION FORM

Project Name and Number: West Salem Preliminary Assessments, 13-04-0002

Material to be Sampled:

Surface soil and sediment from target areas at each site under investigation.

Measurement Parameters:

Field screening for gamma, plus fixed laboratory analysis for gamma with 21-day ingrowth, and radium 226 and 228 depending on laboratory gamma analysis results; target analyte list (TAL) metals; semi-volatile organic compounds (SVOCs); pesticides, and polychlorinated biphenyls (PCBs).

Standard Procedure for Field Collection and Laboratory Analysis (cite references):

Surface and Shallow Subsurface Soil Sampling E&E SOP Env 3.13; Aquatic Sediment Sampling E&E SOP Env 3.8; Field Activity Logbooks E&E SOP Doc 2.1; Environmental Sample Handling, Packaging, and Shipping E&E SOP Env 3.16; Sampling Equipment Decontamination E&E SOP Env 3.15.

Reason for Change in Field Procedure or Analytical Variation:

The SQAP for this project proposed analyzing samples for the various parameters and target groups listed in "Measurement Parameters" above. After completion of the Quality Assurance Plan for proposed field activities, stakeholders requested that analysis be performed for additional constituents. The EPA elected to arrange for analysis of these constituents.

Variation from Field or Analytical Procedure:

Additional constituents added to the originally proposed analytical suite included the following: Molybdenum by the Contract Laboratory Program (CLP) metals lab under a Modified Analysis; adding plutonium, americium, uranium, thorium, and strontium to the list of target elements to be analyzed for by the National Air and Radiation Environmental Lab; and method development by the EPA Region 10 Manchester Environmental Lab (MEL) to analyze for tungsten, titanium, hafnium, tantalum, zirconium, and niobium. Upon conclusion of the CLP metals lab's analytical work, remaining sample volume will be transshipped to MEL for the requested analysis.

Special Equipment, Materials, or Personnel Required:

NA

CONTACT	APPROVED SIGNATURE	DATE
Initiator: Derek Pulvino		6/21/2013
START PL: Linda Ader	Linda E Ader	6/21/2013
EPA TM: Joanne LaBaw	Joanne LaBaw	12/3/2013
EPA QA Manager: Gina Grepo-Grove		12/3/2013

SAMPLE PLAN ALTERATION FORM

Project Name and Number: West Salem Preliminary Assessments, 13-04-0002

Material to be Sampled:

Surface soil from select locations at the Walker Middle School and Wallace Marine Park properties.

Measurement Parameters:

Field screening for gamma, plus fixed laboratory analysis for gamma with 21-day ingrowth, and radium 226 and 228 depending on laboratory gamma screening analysis; target analyte list (TAL) metals; semi-volatile organic compounds (SVOCs); pesticides, and polychlorinated biphenyls (PCBs).

Standard Procedure for Field Collection and Laboratory Analysis (cite references):

Surface and Shallow Subsurface Soil Sampling E&E SOP Env 3.13; Aquatic Sediment Sampling E&E SOP Env 3.8; Field Activity Logbooks E&E SOP Doc 2.1; Environmental Sample Handling, Packaging, and Shipping E&E SOP Env 3.16; Sampling Equipment Decontamination E&E SOP Env 3.15.

Reason for Change in Field Procedure or Analytical Variation:

The SQAP for this project proposed that up to nine and ten surface soil samples would be collected from the Walker Middle School and Wallace Marine Park properties, respectively. A limited number of areas with potential surface soil exposure risk were identified at Walker Middle School. With respect to the Wallace Marine Park property, during the course of our field work the parks maintenance supervisor stated that as a result of flood damage, all of the infield surfaces at the baseball/softball fields had been removed and replaced within the last year; the old surface material did however remained in an onsite stockpile.

Variation from Field or Analytical Procedure:

The number of surface soil samples collected from the Walker Middle School and Wallace Marine Park properties was reduced to seven and eight, respectively. In addition, given the recent repair of the Wallace Marine Park infields, no samples were collected from these locations. Instead, surface soil samples were collected from beneath the grass of two outfields, with a third sample collected from the stockpile of material removed from the infields. No changes were made to the analytical suites being applied to samples collected from these locations.

Special Equipment, Materials, or Personnel Required:

NA

CONTACT	APPROVED SIGNATURE	DATE
Initiator: Derek Pulvino		6/21/2013
START PL: Linda Ader	Linda E Ader	6/21/2013
EPA TM: Joanne LaBaw	Joanne LaBaw	12/3/2013
EPA QA Manager: Gina Grepo-Grove		12/03/2013

SAMPLE PLAN ALTERATION FORM

Project Name and Number: West Salem Preliminary Assessments, 13-04-0002

Material to be Sampled:

Surface soil and from select locations at the West Salem High School property.

Measurement Parameters:

Field screening for gamma, plus fixed laboratory analysis for gamma with 21-day ingrowth, and radium 226 and 228 depending on laboratory gamma analysis results; also target analyte list (TAL) metals; semi-volatile organic compounds (SVOCs); pesticides, and polychlorinated biphenyls (PCBs).

Standard Procedure for Field Collection and Laboratory Analysis (cite references):

Surface and Shallow Subsurface Soil Sampling E&E SOP Env 3.13; Aquatic Sediment Sampling E&E SOP Env 3.8; Field Activity Logbooks E&E SOP Doc 2.1; Environmental Sample Handling, Packaging, and Shipping E&E SOP Env 3.16; Sampling Equipment Decontamination E&E SOP Env 3.15.

Reason for Change in Field Procedure or Analytical Variation:

The SQAP for this project proposed that activities at the West Salem High School property would be limited to field screening for the presence of gamma only; no sample collection was proposed for this property. During the field event, the TM requested that surface soil samples also be collected from the West Salem High.

Variation from Field or Analytical Procedure:

Three surface soil samples were collected from target locations at the West Salem High School property. These were collected from areas with small areas of exposed soil at locations that appeared to receive relatively high foot traffic. These three samples were submitted for the same analytical suites as being applied to samples collected from the other properties included in this study.

Special Equipment, Materials, or Personnel Required:

NA

CONTACT	APPROVED SIGNATURE	DATE
Initiator: Derek Pulvino		6/21/2013
START PL: Linda Ader	Linda E Ader	6/21/2013
EPA TM: Joanne LaBaw	Joanne LaBaw	12/3/2013
EPA QA Manager: Gina Grepo-Grove		12/03/2013

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D QA/QC Sample Results, Data Validation Memoranda, and Chain-of-Custody Forms

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ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: August 6, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 1 water, 20 soil, and 5 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Strontium and/or gamma analyses (EPA National Analytical Radiation Environmental Laboratory method GAM-01-RA and SR-04) were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234000	13234001	13234002	13234003	13234004	13234005
13234006	13234007	13234008	13234010	13234011	13234014
13234015	13234016	13234017	13234019	13234021	13234022
13234024	13234026	13234027	13234032	13234037	13234039
13234042	13234045				

No discrepancies were noted. Sample results qualified "J" by the laboratory to indicate a result that may be significantly under or overestimated were tagged with the bias qualifier "K" by the secondary reviewer to indicate that the estimated results have an unknown bias.

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

August 5, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached is a data package for strontium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300060. Also attached are data packages for 21-day ingrowth gamma analysis of samples in NAREL batch numbers 1300058 and 1300059.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

GENERAL INFORMATION (CONTINUED)

GAMMA ANALYSIS

The reporting format lists the gamma emitters in alphabetical order. The activity, 2-sigma uncertainty, and a sample-specific estimate of the MDC for radionuclides measured by gamma spectroscopy are reported only if the nuclide is detected above background with the exception of client requested nuclides of interest. The activity for each of the requested nuclides is reported whether negative, positive, or zero along with the associated 2-sigma uncertainty and the sample-specific estimate of the MDC.

Due to potential spectral interferences and other possible problems associated with the determination of the activity of certain radionuclides, the activities for ^{214}Bi, ^{214}Pb, ^{234}Th, ^{234m}Pa, ^{226}Ra, ^{231}Th, and ^{235}U are subject to greater uncertainty than other commonly reported radionuclides. It should be noted that this potential uncertainty is not included in the two-sigma expanded uncertainty that is reported with each result. Although in this report we do provide the calculated activities for these radionuclides, we recommend that the results be used only as a qualitative means of indicating the presence of these radionuclides and not as a quantitative measure of their concentration. The results for these nuclides are not used in the evaluation of quality control samples. Furthermore, because of mutual interference between ^{226}Ra and ^{235}U, NAREL's gamma analysis software tends to overestimate the amounts of these nuclides whenever both are present in a sample. Lower estimates for ^{226}Ra activities can be obtained from the reported activities of its decay products, ^{214}Pb and ^{214}Bi, which are likely to be somewhat less than the ^{226}Ra activity because of the potential escape of radon gas.

NAREL's gamma-ray spectrometry software corrects activities and MDCs for decay between collection and analysis, but only up to a limit of twelve half-lives. If the decay time for a sample exceeds twelve half-lives of a radionuclide, that radionuclide is not reported. This software feature may affect results for short-lived radionuclides, such as ^{131}I and ^{140}Ba, when there is a long delay between collection and analysis.

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

for Mary F. Wisdom — Date: 8/6/13
Quality Assurance Manager, NAREL

Cynthia White — Date: 8-6-13
Director, Center for Environmental Radioanalytical Laboratory Science

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
GAMMA ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300059

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Gamma-ray Spectrometry - Sealed Radium Cans
Report ID:	1300059-GAMMA-SUP
Report type:	Original
Date reported:	08/01/2013
Total pages in report:	12

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06402V	13234016	OR:SALEM	SOIL	06/14/2013	06/18/2013
B3.06403W	13234017	OR:SALEM	SEDIMENT	06/12/2013	06/18/2013
B3.06404X	13234037	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06405Y	13234039	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06406Z	13234042	OR:SALEM	SEDIMENT	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – After the preliminary analysis, the samples were held for 21 days to allow for ingrowth and were reanalyzed. This supplemental data package contains the results of gamma analysis after the 21-day ingrowth period.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300060

PREPARATION BATCH SUMMARY

Preparation batch #: 0010151L
Analysis method: NAREL SR-04
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06407A	13234045	00669817X		78.21 %	1.45 %	ARM
B3.06407A	13234045	00670650H	DUP	75.92 %	1.41 %	ARM
LCS-00670651J *		00670651J	LCS	74.03 %	1.38 %	ARM
RBK-00670652K *		00670652K	RBK	58.52 %	1.09 %	ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010151L

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06407A	00670650H	DUP	SR89		421.6	0.36	PASS
B3.06407A	00670650H	DUP	SR90		940.6	-0.57	PASS
LCS-00670651J	00670651J	LCS	SR89	117.5		1.41	PASS
LCS-00670651J	00670651J	LCS	SR90	104.3		0.47	PASS
RBK-00670652K	00670652K	RBK	SR89				PASS
RBK-00670652K	00670652K	RBK	SR90				PASS

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00670652K	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010151L
Matrix:	N/A	Assay batch #:	0017223A
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:47	100.0	QA2D	JEA
07/25/2013 10:06	100.0	QA2D	GVJ
07/30/2013 10:02	100.0	QA2D	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	7.13e-02	8.2e-01	1.5e+00	PCI	07/24/2013 10:43 CDT
Sr90	3.83e-01	6.3e-01	1.1e+00	PCI	07/24/2013 10:43 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00670651J	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010151L
Matrix:	N/A	Assay batch #:	0017223A
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:47	100.0	QA1D	JEA
07/25/2013 10:06	100.0	QA1D	GVJ
07/30/2013 10:02	100.0	QA1D	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.70e+01	3.2e+00	4.0e+00	PCI	07/24/2013 10:43 CDT
Sr90	1.84e+01	2.6e+00	2.7e+00	PCI	07/24/2013 10:43 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	5.000e-02 L
Client sample ID:	13234045	Preparation batch #:	0010151L
Matrix:	WATER	Assay batch #:	0017223A
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:47	100.0	QA1B	JEA
07/25/2013 10:06	100.0	QA1B	GVJ
07/30/2013 10:02	100.0	QA1B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	4.19e+00	2.2e+01	4.1e+01	PCI/L	06/13/2013 13:00 CDT
Sr90	-1.57e+00	9.7e+00	1.9e+01	PCI/L	06/13/2013 13:00 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	5.000e-02 L
Client sample ID:	13234045	Preparation batch #:	0010151L
Matrix:	WATER	Assay batch #:	0017223A
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:47	100.0	QA1A	JEA
07/25/2013 10:06	100.0	QA1A	GVJ
07/30/2013 10:02	100.0	QA1A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-1.49e+00	2.3e+01	4.2e+01	PCI/L	06/13/2013 13:00 CDT
Sr90	2.42e+00	1.0e+01	1.8e+01	PCI/L	06/13/2013 13:00 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

ANALYSIS SUMMARY

Analysis method: NAREL SR-04
Title: Strontium-89 and 90 in Environmental Matrices

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06407A	13234045		07/30/2013	0010151L	0017223A
B3.06407A	13234045	DUP	07/30/2013	0010151L	0017223A
LCS-00670651J *		LCS	07/30/2013	0010151L	0017223A
RBK-00670652K *		RBK	07/30/2013	0010151L	0017223A

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

for Mary F. Wisdom — 8/6/13 Date
Quality Assurance Manager, NAREL

Cynthia White — 8-6-13 Date
Director, Center for Environmental Radioanalytical Laboratory Science

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
SR ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300060

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Strontium-89 and 90 in Environmental Matrices
Report ID:	1300060-SR
Report type:	Original
Date reported:	07/31/2013
Total pages in report:	9

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06407A	13234045	OR:SALEM	WATER	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

ANALYSIS SUMMARY

Analysis method: NAREL GAM-01-RA
Title: Gamma-ray Spectrometry - Sealed Radium Cans

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06402V	13234016		07/23/2013	0010150K	0017222Z
B3.06403W	13234017		07/23/2013	0010150K	0017222Z
B3.06404X	13234037		07/23/2013	0010150K	0017222Z
B3.06404X	13234037	DUP	07/24/2013	0010150K	0017222Z
B3.06405Y	13234039		07/24/2013	0010150K	0017222Z
B3.06406Z	13234042		07/24/2013	0010150K	0017222Z

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	4.273e+02 GDRY
Client sample ID:	13234016	Preparation batch #:	0010150K
Matrix:	SOIL	Assay batch #:	0017222Z
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	86.35 %	Analyst:	MO
Ash/dry weight:	85.68 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/23/2013 11:40	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	1.22e+00	2.0e-01	1.6e-01	PCI/GDRY	06/14/2013 14:00 PDT
Bi214	J K	8.73e-01	1.0e-01	2.9e-02	PCI/GDRY	06/14/2013 14:00 PDT
Cs137		5.85e-02	1.4e-02	1.4e-02	PCI/GDRY	06/14/2013 14:00 PDT
K40		6.97e+00	7.9e-01	1.4e-01	PCI/GDRY	06/14/2013 14:00 PDT
Pa234m	J K	1.58e+00	1.1e+00	1.4e+00	PCI/GDRY	06/14/2013 14:00 PDT
Pb212	J K	9.31e-01	1.1e-01	3.4e-02	PCI/GDRY	06/14/2013 14:00 PDT
Pb214	J K	1.02e+00	1.2e-01	3.2e-02	PCI/GDRY	06/14/2013 14:00 PDT
Ra228		1.16e+00	1.4e-01	5.4e-02	PCI/GDRY	06/14/2013 14:00 PDT
Th234	J K	7.78e-01	3.4e-01	5.0e-01	PCI/GDRY	06/14/2013 14:00 PDT
Tl208	J K	3.22e-01	3.9e-02	1.5e-02	PCI/GDRY	06/14/2013 14:00 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06403W	Amount analyzed:	3.403e+02 GDRY
Client sample ID:	13234017	Preparation batch #:	0010150K
Matrix:	SEDIMENT	Assay batch #:	0017222Z
Collected:	2013-06-12 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	42.20 %	Analyst:	MO
Ash/dry weight:	85.25 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/23/2013 16:42	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J	1.09e+00	2.1e-01	1.9e-01	PCI/GDRY	06/12/2013 18:17 PDT
Bi214	J	6.78e-01	8.5e-02	3.9e-02	PCI/GDRY	06/12/2013 18:17 PDT
Cs137		1.10e-01	1.9e-02	1.6e-02	PCI/GDRY	06/12/2013 18:17 PDT
K40		1.19e+01	1.3e+00	1.8e-01	PCI/GDRY	06/12/2013 18:17 PDT
Pb212	J	8.32e-01	1.0e-01	4.3e-02	PCI/GDRY	06/12/2013 18:17 PDT
Pb214	J	8.16e-01	9.9e-02	4.1e-02	PCI/GDRY	06/12/2013 18:17 PDT
Ra228		1.02e+00	1.2e-01	6.4e-02	PCI/GDRY	06/12/2013 18:17 PDT
Th234	J	1.03e+00	4.3e-01	6.0e-01	PCI/GDRY	06/12/2013 18:17 PDT
Tl208	J	2.82e-01	3.7e-02	1.9e-02	PCI/GDRY	06/12/2013 18:17 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	5.090e+02 GDRY
Client sample ID:	13234037	Preparation batch #:	0010150K
Matrix:	SOIL	Assay batch #:	0017222Z
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	87.05 %	Analyst:	MO
Ash/dry weight:	96.07 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/23/2013 11:47	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J	5.59e-01	1.7e-01	1.9e-01	PCI/GDRY	06/13/2013 13:35 PDT
Bi214	J	5.48e-01	6.8e-02	3.4e-02	PCI/GDRY	06/13/2013 13:35 PDT
Cs137		1.85e-02	9.2e-03	1.2e-02	PCI/GDRY	06/13/2013 13:35 PDT
K40		1.08e+01	1.2e+00	1.7e-01	PCI/GDRY	06/13/2013 13:35 PDT
Pb212	J	5.11e-01	6.2e-02	3.3e-02	PCI/GDRY	06/13/2013 13:35 PDT
Pb214	J	6.07e-01	7.4e-02	3.4e-02	PCI/GDRY	06/13/2013 13:35 PDT
Ra228		5.86e-01	8.1e-02	5.3e-02	PCI/GDRY	06/13/2013 13:35 PDT
Tl208	J	1.81e-01	2.4e-02	1.6e-02	PCI/GDRY	06/13/2013 13:35 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	5.090e+02 GDRY
Client sample ID:	13234037	Preparation batch #:	0010150K
Matrix:	SOIL	Assay batch #:	0017222Z
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	87.05 %	Analyst:	MO
Ash/dry weight:	96.07 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 11:11	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J	6.35e-01	1.4e-01	1.4e-01	PCI/GDRY	06/13/2013 13:35 PDT
Bi214	J	5.22e-01	6.4e-02	2.8e-02	PCI/GDRY	06/13/2013 13:35 PDT
Cs137		1.14e-02	8.7e-03	1.4e-02	PCI/GDRY	06/13/2013 13:35 PDT
K40		1.12e+01	1.2e+00	1.4e-01	PCI/GDRY	06/13/2013 13:35 PDT
Pb212	J	4.93e-01	6.1e-02	3.3e-02	PCI/GDRY	06/13/2013 13:35 PDT
Pb214	J	6.37e-01	7.6e-02	3.0e-02	PCI/GDRY	06/13/2013 13:35 PDT
Ra228		6.03e-01	7.7e-02	4.6e-02	PCI/GDRY	06/13/2013 13:35 PDT
Th234	J	5.94e-01	4.8e-01	7.8e-01	PCI/GDRY	06/13/2013 13:35 PDT
Tl208	J	1.75e-01	2.4e-02	1.4e-02	PCI/GDRY	06/13/2013 13:35 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	2.341e+02 GDRY
Client sample ID:	13234039	Preparation batch #:	0010150K
Matrix:	SOIL	Assay batch #:	0017222Z
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	84.75 %	Analyst:	MO
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/23/2013 21:45	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	8.78e-01	1.9e-01	1.9e-01	PCI/GDRY	06/13/2013 14:45 PDT
Bi214	J K	5.41e-01	6.8e-02	3.3e-02	PCI/GDRY	06/13/2013 14:45 PDT
Cs137		2.50e-02	1.0e-02	1.3e-02	PCI/GDRY	06/13/2013 14:45 PDT
K40		9.88e+00	1.1e+00	1.7e-01	PCI/GDRY	06/13/2013 14:45 PDT
Pb212	J K	5.87e-01	7.2e-02	3.5e-02	PCI/GDRY	06/13/2013 14:45 PDT
Pb214	J K	6.53e-01	8.3e-02	4.1e-02	PCI/GDRY	06/13/2013 14:45 PDT
Ra228		7.81e-01	1.0e-01	5.6e-02	PCI/GDRY	06/13/2013 14:45 PDT
Th234	J K	5.34e-01	3.2e-01	4.9e-01	PCI/GDRY	06/13/2013 14:45 PDT
Tl208	J K	2.09e-01	2.8e-02	1.7e-02	PCI/GDRY	06/13/2013 14:45 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06406Z	Amount analyzed:	4.963e+02 GDRY
Client sample ID:	13234042	Preparation batch #:	0010150K
Matrix:	SEDIMENT	Assay batch #:	0017222Z
Collected:	2013-06-13 17:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	63.77 %	Analyst:	MO
Ash/dry weight:	90.91 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 02:47	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Be7		5.56e-01	1.6e-01	1.8e-01	PCI/GDRY	06/13/2013 17:00 PDT
Bi212	J K	1.11e+00	2.2e-01	1.9e-01	PCI/GDRY	06/13/2013 17:00 PDT
Bi214	J K	8.37e-01	9.7e-02	3.0e-02	PCI/GDRY	06/13/2013 17:00 PDT
Cs137		3.90e-02	1.1e-02	1.2e-02	PCI/GDRY	06/13/2013 17:00 PDT
K40		8.65e+00	9.7e-01	1.4e-01	PCI/GDRY	06/13/2013 17:00 PDT
Pb212	J K	8.72e-01	1.0e-01	3.9e-02	PCI/GDRY	06/13/2013 17:00 PDT
Pb214	J K	9.81e-01	1.1e-01	3.8e-02	PCI/GDRY	06/13/2013 17:00 PDT
Ra228		1.06e+00	1.3e-01	4.7e-02	PCI/GDRY	06/13/2013 17:00 PDT
Th234	J K	1.12e+00	5.3e-01	7.4e-01	PCI/GDRY	06/13/2013 17:00 PDT
Tl208	J K	2.89e-01	3.5e-02	1.5e-02	PCI/GDRY	06/13/2013 17:00 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010150K
Analysis method: NAREL GAM-01-RA
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06402V	13234016	00668148C		N/A		MO
B3.06403W	13234017	00668152Y		N/A		MO
B3.06404X	13234037	00668156C		N/A		MO
B3.06404X	13234037	00670639N	DUP	N/A		MO
B3.06405Y	13234039	00668160Y		N/A		MO
B3.06406Z	13234042	00668164C		N/A		MO

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010150K

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06404X	00670639N	DUP	BI212		12.7	0.69	PASS-J
B3.06404X	00670639N	DUP	BI214		4.9	-0.55	PASS-J
B3.06404X	00670639N	DUP	CS137		47.6	-1.13	PASS
B3.06404X	00670639N	DUP	K40		4.0	0.50	PASS
B3.06404X	00670639N	DUP	PB212		3.7	-0.42	PASS-J
B3.06404X	00670639N	DUP	PB214		4.7	0.56	PASS-J
B3.06404X	00670639N	DUP	RA228		2.8	0.29	PASS
B3.06404X	00670639N	DUP	TH234				Unmatched
B3.06404X	00670639N	DUP	TL208		3.6	-0.38	PASS-J
LCS-00670640F	00670640F	LCS	BI207	96.3		-0.65	PASS
LCS-00670640F	00670640F	LCS	EU155	110.1		1.41	PASS
RBK-00670641G	00670641G	RBK	BI212				PASS-J
RBK-00670641G	00670641G	RBK	BI214				PASS-J
RBK-00670641G	00670641G	RBK	CS137				PASS
RBK-00670641G	00670641G	RBK	K40				PASS
RBK-00670641G	00670641G	RBK	PB212				PASS-J
RBK-00670641G	00670641G	RBK	PB214				WARN-J
RBK-00670641G	00670641G	RBK	RA228				PASS
RBK-00670641G	00670641G	RBK	TL208				PASS-J

Note: Results qualified with -J may be significantly under or over-estimated and are not evaluated for QC purposes.

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
GAMMA ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300058

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Gamma-ray Spectrometry - Sealed Radium Cans
Report ID:	1300058-GAMMA-SUP
Report type:	Supplemental
Date reported:	08/01/2013
Total pages in report:	30

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06382J	13234000	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06383K	13234001	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06384L	13234003	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06385M	13234005	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06386N	13234007	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06387P	13234002	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06388Q	13234004	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06389R	13234006	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06390J	13234019	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06391K	13234021	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06392L	13234022	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06393M	13234024	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06394N	13234026	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06395P	13234027	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06396Q	13234032	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06397R	13234008	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06398T	13234010	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06399U	13234011	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06400T	13234014	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06401U	13234015	OR:SALEM	SOIL	06/14/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels for samples B3.06397 through B3.06401. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** –After the preliminary analysis, the samples were held for 21 days to allow for ingrowth and were reanalyzed. This supplemental data package contains the results of gamma analysis after the 21-day ingrowth period.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

for Mary F. Wisdom — Date: 8/6/13
Quality Assurance Manager, NAREL

Cynthia White — Date: 8-6-13
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

GENERAL INFORMATION (CONTINUED)

GAMMA ANALYSIS

The reporting format lists the gamma emitters in alphabetical order. The activity, 2-sigma uncertainty, and a sample-specific estimate of the MDC for radionuclides measured by gamma spectroscopy are reported only if the nuclide is detected above background with the exception of client requested nuclides of interest. The activity for each of the requested nuclides is reported whether negative, positive, or zero along with the associated 2-sigma uncertainty and the sample-specific estimate of the MDC.

Due to potential spectral interferences and other possible problems associated with the determination of the activity of certain radionuclides, the activities for ^{214}Bi, ^{214}Pb, ^{234}Th, ^{234m}Pa, ^{226}Ra, ^{231}Th, and ^{235}U are subject to greater uncertainty than other commonly reported radionuclides. It should be noted that this potential uncertainty is not included in the two-sigma expanded uncertainty that is reported with each result. Although in this report we do provide the calculated activities for these radionuclides, we recommend that the results be used only as a qualitative means of indicating the presence of these radionuclides and not as a quantitative measure of their concentration. The results for these nuclides are not used in the evaluation of quality control samples. Furthermore, because of mutual interference between ^{226}Ra and ^{235}U, NAREL's gamma analysis software tends to overestimate the amounts of these nuclides whenever both are present in a sample. Lower estimates for ^{226}Ra activities can be obtained from the reported activities of its decay products, ^{214}Pb and ^{214}Bi, which are likely to be somewhat less than the ^{226}Ra activity because of the potential escape of radon gas.

NAREL's gamma-ray spectrometry software corrects activities and MDCs for decay between collection and analysis, but only up to a limit of twelve half-lives. If the decay time for a sample exceeds twelve half-lives of a radionuclide, that radionuclide is not reported. This software feature may affect results for short-lived radionuclides, such as ^{131}I and ^{140}Ba, when there is a long delay between collection and analysis.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

ANALYSIS SUMMARY

Analysis method: NAREL GAM-01-RA
Title: Gamma-ray Spectrometry - Sealed Radium Cans

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06382J	13234000		07/18/2013	0010134K	0017210V
B3.06383K	13234001		07/18/2013	0010134K	0017210V
B3.06384L	13234003		07/19/2013	0010134K	0017210V
B3.06385M	13234005		07/19/2013	0010134K	0017210V
B3.06386N	13234007		07/19/2013	0010134K	0017210V
B3.06387P	13234002		07/19/2013	0010134K	0017210V
B3.06388Q	13234004		07/20/2013	0010134K	0017210V
B3.06388Q	13234004	DUP	07/24/2013	0010134K	0017210V
B3.06389R	13234006		07/20/2013	0010134K	0017210V
B3.06390J	13234019		07/20/2013	0010134K	0017210V
B3.06391K	13234021		07/20/2013	0010134K	0017210V
B3.06392L	13234022		07/20/2013	0010134K	0017210V
B3.06393M	13234024		07/21/2013	0010134K	0017210V
B3.06394N	13234026		07/21/2013	0010134K	0017210V
B3.06395P	13234027		07/18/2013	0010134K	0017210V
B3.06396Q	13234032		07/20/2013	0010134K	0017210V
B3.06397R	13234008		07/20/2013	0010134K	0017210V
B3.06398T	13234010		07/20/2013	0010134K	0017210V
B3.06399U	13234011		07/21/2013	0010134K	0017210V
B3.06400T	13234014		07/21/2013	0010134K	0017210V
B3.06401U	13234015		07/21/2013	0010134K	0017210V
LCS-00670207R *		LCS	07/21/2013	0010134K	0017210V
RBK-00670208T *		RBK	07/21/2013	0010134K	0017210V

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	5.312e+02 GDRY
Client sample ID:	13234000	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	92.72 %	Analyst:	MO
Ash/dry weight:	94.54 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 11:50	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	5.82e-01	1.6e-01	1.6e-01	PCI/GDRY	06/10/2013 16:24 PDT
Bi214	J K	4.08e-01	5.0e-02	2.3e-02	PCI/GDRY	06/10/2013 16:24 PDT
Cs137		5.54e-02	1.1e-02	1.0e-02	PCI/GDRY	06/10/2013 16:24 PDT
K40		1.05e+01	1.2e+00	1.2e-01	PCI/GDRY	06/10/2013 16:24 PDT
Pb212	J K	4.04e-01	5.2e-02	3.0e-02	PCI/GDRY	06/10/2013 16:24 PDT
Pb214	J K	4.90e-01	6.1e-02	2.9e-02	PCI/GDRY	06/10/2013 16:24 PDT
Ra228		4.58e-01	6.1e-02	4.1e-02	PCI/GDRY	06/10/2013 16:24 PDT
Th234	J K	7.32e-01	4.3e-01	6.1e-01	PCI/GDRY	06/10/2013 16:24 PDT
Tl208	J K	1.47e-01	2.1e-02	1.3e-02	PCI/GDRY	06/10/2013 16:24 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06383K	Amount analyzed:	5.003e+02 GDRY
Client sample ID:	13234001	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-10 16:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	90.84 %	Analyst:	MO
Ash/dry weight:	93.85 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 16:52	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J	5.05e-01	1.4e-01	1.5e-01	PCI/GDRY	06/10/2013 16:50 PDT
Bi214	J	4.11e-01	5.0e-02	2.2e-02	PCI/GDRY	06/10/2013 16:50 PDT
Cs137		3.92e-02	1.1e-02	1.2e-02	PCI/GDRY	06/10/2013 16:50 PDT
K40		1.01e+01	1.1e+00	1.2e-01	PCI/GDRY	06/10/2013 16:50 PDT
Pa234m	J	1.70e+00	9.3e-01	1.1e+00	PCI/GDRY	06/10/2013 16:50 PDT
Pb212	J	4.06e-01	5.0e-02	2.7e-02	PCI/GDRY	06/10/2013 16:50 PDT
Pb214	J	5.11e-01	6.3e-02	3.0e-02	PCI/GDRY	06/10/2013 16:50 PDT
Ra228		5.13e-01	7.3e-02	4.3e-02	PCI/GDRY	06/10/2013 16:50 PDT
Th234	J	6.17e-01	4.7e-01	7.5e-01	PCI/GDRY	06/10/2013 16:50 PDT
Tl208	J	1.41e-01	2.1e-02	1.5e-02	PCI/GDRY	06/10/2013 16:50 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	4.942e+02 GDRY
Client sample ID:	13234003	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	91.38 %	Analyst:	MO
Ash/dry weight:	94.64 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 21:54	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	5.98e-01	1.4e-01	1.4e-01	PCI/GDRY	06/10/2013 17:11 PDT
Bi214	J K	4.34e-01	5.5e-02	2.8e-02	PCI/GDRY	06/10/2013 17:11 PDT
Cs137		7.43e-02	1.5e-02	1.3e-02	PCI/GDRY	06/10/2013 17:11 PDT
K40		1.04e+01	1.2e+00	1.2e-01	PCI/GDRY	06/10/2013 17:11 PDT
Pa234m	J K	1.25e+00	8.7e-01	1.1e+00	PCI/GDRY	06/10/2013 17:11 PDT
Pb212	J K	4.29e-01	5.4e-02	3.1e-02	PCI/GDRY	06/10/2013 17:11 PDT
Pb214	J K	5.23e-01	6.6e-02	3.3e-02	PCI/GDRY	06/10/2013 17:11 PDT
Ra228		4.83e-01	6.8e-02	4.1e-02	PCI/GDRY	06/10/2013 17:11 PDT
Th234	J K	6.96e-01	4.8e-01	7.6e-01	PCI/GDRY	06/10/2013 17:11 PDT
Tl208	J K	1.40e-01	1.9e-02	1.2e-02	PCI/GDRY	06/10/2013 17:11 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06385M	Amount analyzed:	5.572e+02 GDRY
Client sample ID:	13234005	Preparation batch #:	0010134K
Matrix:	SEDIMENT	Assay batch #:	0017210V
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	89.15 %	Analyst:	MO
Ash/dry weight:	97.35 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/19/2013 02:57	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Be7		2.18e-01	8.4e-02	1.1e-01	PCI/GDRY	06/10/2013 18:17 PDT
Bi212	J	7.60e-01	1.6e-01	1.5e-01	PCI/GDRY	06/10/2013 18:17 PDT
Bi214	J	5.28e-01	6.5e-02	2.9e-02	PCI/GDRY	06/10/2013 18:17 PDT
Cs137		6.34e-03	8.1e-03	1.3e-02	PCI/GDRY	06/10/2013 18:17 PDT
K40		1.47e+01	1.6e+00	1.2e-01	PCI/GDRY	06/10/2013 18:17 PDT
Pa234m	J	1.04e+00	8.6e-01	1.1e+00	PCI/GDRY	06/10/2013 18:17 PDT
Pb212	J	5.47e-01	6.6e-02	3.2e-02	PCI/GDRY	06/10/2013 18:17 PDT
Pb214	J	6.37e-01	7.7e-02	3.2e-02	PCI/GDRY	06/10/2013 18:17 PDT
Ra228		6.46e-01	7.9e-02	4.5e-02	PCI/GDRY	06/10/2013 18:17 PDT
Th234	J	8.94e-01	4.2e-01	6.1e-01	PCI/GDRY	06/10/2013 18:17 PDT
Tl208	J	1.81e-01	2.4e-02	1.3e-02	PCI/GDRY	06/10/2013 18:17 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	5.802e+02 GDRY
Client sample ID:	13234007	Preparation batch #:	0010134K
Matrix:	SEDIMENT	Assay batch #:	0017210V
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	68.03 %	Analyst:	MO
Ash/dry weight:	95.39 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 20:31	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	5.78e-01	1.7e-01	1.8e-01	PCI/GDRY	06/10/2013 18:58 PDT
Bi214	J K	4.11e-01	5.2e-02	2.7e-02	PCI/GDRY	06/10/2013 18:58 PDT
Cs137		2.64e-02	8.3e-03	1.0e-02	PCI/GDRY	06/10/2013 18:58 PDT
K40		9.54e+00	1.1e+00	1.3e-01	PCI/GDRY	06/10/2013 18:58 PDT
Pa234m	J K	1.38e+00	1.1e+00	1.4e+00	PCI/GDRY	06/10/2013 18:58 PDT
Pb212	J K	3.96e-01	5.0e-02	3.1e-02	PCI/GDRY	06/10/2013 18:58 PDT
Pb214	J K	4.57e-01	5.8e-02	3.3e-02	PCI/GDRY	06/10/2013 18:58 PDT
Ra228		4.35e-01	6.2e-02	4.9e-02	PCI/GDRY	06/10/2013 18:58 PDT
Th234	J K	7.69e-01	6.0e-01	9.2e-01	PCI/GDRY	06/10/2013 18:58 PDT
Tl208	J K	1.38e-01	1.9e-02	1.4e-02	PCI/GDRY	06/10/2013 18:58 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	5.286e+02 GDRY
Client sample ID:	13234002	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	89.87 %	Analyst:	MO
Ash/dry weight:	90.34 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/19/2013 16:43	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	5.00e-01	1.2e-01	1.3e-01	PCI/GDRY	06/10/2013 17:10 PDT
Bi214	J K	3.91e-01	5.0e-02	2.5e-02	PCI/GDRY	06/10/2013 17:10 PDT
Cs137		3.81e-02	9.0e-03	9.9e-03	PCI/GDRY	06/10/2013 17:10 PDT
K40		1.01e+01	1.1e+00	1.2e-01	PCI/GDRY	06/10/2013 17:10 PDT
Pa234m	J K	1.65e+00	1.0e+00	1.2e+00	PCI/GDRY	06/10/2013 17:10 PDT
Pb212	J K	4.05e-01	5.2e-02	3.0e-02	PCI/GDRY	06/10/2013 17:10 PDT
Pb214	J K	4.89e-01	6.1e-02	2.9e-02	PCI/GDRY	06/10/2013 17:10 PDT
Ra228		4.78e-01	6.6e-02	3.8e-02	PCI/GDRY	06/10/2013 17:10 PDT
Th234	J K	7.12e-01	4.5e-01	7.1e-01	PCI/GDRY	06/10/2013 17:10 PDT
Tl208	J K	1.43e-01	2.0e-02	1.3e-02	PCI/GDRY	06/10/2013 17:10 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	4.712e+02 GDRY
Client sample ID:	13234004	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	74.51 %	Analyst:	MO
Ash/dry weight:	95.71 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/19/2013 21:45	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	4.91e-01	1.4e-01	1.9e-01	PCI/GDRY	06/10/2013 17:51 PDT
Bi214	J K	4.02e-01	5.1e-02	2.6e-02	PCI/GDRY	06/10/2013 17:51 PDT
Cs137		3.83e-02	1.2e-02	1.3e-02	PCI/GDRY	06/10/2013 17:51 PDT
K40		1.07e+01	1.2e+00	1.4e-01	PCI/GDRY	06/10/2013 17:51 PDT
Pb212	J K	4.42e-01	5.5e-02	3.0e-02	PCI/GDRY	06/10/2013 17:51 PDT
Pb214	J K	5.17e-01	6.5e-02	3.2e-02	PCI/GDRY	06/10/2013 17:51 PDT
Ra228		5.24e-01	7.6e-02	4.7e-02	PCI/GDRY	06/10/2013 17:51 PDT
Th234	J K	7.25e-01	4.8e-01	7.7e-01	PCI/GDRY	06/10/2013 17:51 PDT
Tl208	J K	1.46e-01	2.2e-02	1.5e-02	PCI/GDRY	06/10/2013 17:51 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	4.712e+02 GDRY
Client sample ID:	13234004	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	74.51 %	Analyst:	MO
Ash/dry weight:	95.71 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/23/2013 20:10	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	6.37e-01	1.6e-01	1.8e-01	PCI/GDRY	06/10/2013 17:51 PDT
Bi214	J K	4.25e-01	5.5e-02	3.3e-02	PCI/GDRY	06/10/2013 17:51 PDT
Cs137		4.07e-02	1.2e-02	1.3e-02	PCI/GDRY	06/10/2013 17:51 PDT
K40		1.06e+01	1.2e+00	1.7e-01	PCI/GDRY	06/10/2013 17:51 PDT
Pa234m	J K	8.47e-01	8.5e-01	1.3e+00	PCI/GDRY	06/10/2013 17:51 PDT
Pb212	J K	4.33e-01	5.5e-02	3.4e-02	PCI/GDRY	06/10/2013 17:51 PDT
Pb214	J K	5.02e-01	6.4e-02	3.7e-02	PCI/GDRY	06/10/2013 17:51 PDT
Ra228		5.13e-01	7.5e-02	5.8e-02	PCI/GDRY	06/10/2013 17:51 PDT
Tl208	J K	1.70e-01	2.4e-02	1.7e-02	PCI/GDRY	06/10/2013 17:51 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06389R	Amount analyzed:	5.489e+02 GDRY
Client sample ID:	13234006	Preparation batch #:	0010134K
Matrix:	SEDIMENT	Assay batch #:	0017210V
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	76.24 %	Analyst:	MO
Ash/dry weight:	97.88 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 02:48	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Be7		2.76e-01	1.0e-01	1.3e-01	PCI/GDRY	06/10/2013 18:17 PDT
Bi212	J	4.55e-01	1.2e-01	1.7e-01	PCI/GDRY	06/10/2013 18:17 PDT
Bi214	J	4.25e-01	5.4e-02	2.7e-02	PCI/GDRY	06/10/2013 18:17 PDT
Cs137		1.62e-02	8.2e-03	1.3e-02	PCI/GDRY	06/10/2013 18:17 PDT
K40		1.17e+01	1.3e+00	1.2e-01	PCI/GDRY	06/10/2013 18:17 PDT
Pb212	J	4.30e-01	5.4e-02	2.9e-02	PCI/GDRY	06/10/2013 18:17 PDT
Pb214	J	5.16e-01	6.2e-02	2.6e-02	PCI/GDRY	06/10/2013 18:17 PDT
Ra228		5.05e-01	6.7e-02	4.2e-02	PCI/GDRY	06/10/2013 18:17 PDT
Th234	J	5.38e-01	4.5e-01	7.2e-01	PCI/GDRY	06/10/2013 18:17 PDT
Tl208	J	1.45e-01	2.0e-02	1.3e-02	PCI/GDRY	06/10/2013 18:17 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06390J	Amount analyzed:	4.996e+02 GDRY
Client sample ID:	13234019	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-12 10:25 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	88.27 %	Analyst:	MO
Ash/dry weight:	96.12 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 07:50	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	5.38e-01	1.4e-01	1.5e-01	PCI/GDRY	06/12/2013 10:25 PDT
Bi214	J K	4.97e-01	6.1e-02	2.6e-02	PCI/GDRY	06/12/2013 10:25 PDT
Cs137		1.25e-02	8.5e-03	1.4e-02	PCI/GDRY	06/12/2013 10:25 PDT
K40		1.17e+01	1.3e+00	1.4e-01	PCI/GDRY	06/12/2013 10:25 PDT
Pb212	J K	5.09e-01	6.2e-02	3.1e-02	PCI/GDRY	06/12/2013 10:25 PDT
Pb214	J K	5.84e-01	7.2e-02	3.3e-02	PCI/GDRY	06/12/2013 10:25 PDT
Ra228		6.26e-01	8.7e-02	4.9e-02	PCI/GDRY	06/12/2013 10:25 PDT
Th234	J K	7.51e-01	4.9e-01	7.8e-01	PCI/GDRY	06/12/2013 10:25 PDT
Tl208	J K	1.79e-01	2.4e-02	1.4e-02	PCI/GDRY	06/12/2013 10:25 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06391K	Amount analyzed:	5.027e+02 GDRY
Client sample ID:	13234021	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-12 11:30 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	88.60 %	Analyst:	MO
Ash/dry weight:	96.84 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 12:52	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	7.10e-01	1.5e-01	1.5e-01	PCI/GDRY	06/12/2013 11:30 PDT
Bi214	J K	4.92e-01	6.0e-02	2.7e-02	PCI/GDRY	06/12/2013 11:30 PDT
Cs137		6.89e-03	8.9e-03	1.5e-02	PCI/GDRY	06/12/2013 11:30 PDT
K40		1.22e+01	1.3e+00	1.2e-01	PCI/GDRY	06/12/2013 11:30 PDT
Pb212	J K	5.45e-01	6.5e-02	3.0e-02	PCI/GDRY	06/12/2013 11:30 PDT
Pb214	J K	5.72e-01	6.9e-02	2.9e-02	PCI/GDRY	06/12/2013 11:30 PDT
Ra228		6.21e-01	8.0e-02	4.9e-02	PCI/GDRY	06/12/2013 11:30 PDT
Th234	J K	6.47e-01	4.9e-01	7.9e-01	PCI/GDRY	06/12/2013 11:30 PDT
Tl208	J K	1.88e-01	2.4e-02	1.3e-02	PCI/GDRY	06/12/2013 11:30 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06392L	Amount analyzed:	4.647e+02 GDRY
Client sample ID:	13234022	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-11 11:02 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	78.37 %	Analyst:	MO
Ash/dry weight:	94.22 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 17:54	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J	5.80e-01	1.4e-01	1.5e-01	PCI/GDRY	06/11/2013 11:02 PDT
Bi214	J	3.92e-01	5.2e-02	3.1e-02	PCI/GDRY	06/11/2013 11:02 PDT
Cs137		7.86e-02	1.4e-02	1.3e-02	PCI/GDRY	06/11/2013 11:02 PDT
K40		1.13e+01	1.3e+00	1.3e-01	PCI/GDRY	06/11/2013 11:02 PDT
Pb212	J	4.39e-01	5.5e-02	3.0e-02	PCI/GDRY	06/11/2013 11:02 PDT
Pb214	J	5.14e-01	6.6e-02	3.5e-02	PCI/GDRY	06/11/2013 11:02 PDT
Ra228		4.90e-01	6.9e-02	4.5e-02	PCI/GDRY	06/11/2013 11:02 PDT
Th234	J	6.24e-01	5.0e-01	8.1e-01	PCI/GDRY	06/11/2013 11:02 PDT
Tl208	J	1.45e-01	2.1e-02	1.5e-02	PCI/GDRY	06/11/2013 11:02 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06393M	Amount analyzed:	4.206e+02 GDRY
Client sample ID:	13234024	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-11 14:20 UTC	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	74.59 %	Analyst:	MO
Ash/dry weight:	91.52 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 22:56	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J	4.52e-01	1.5e-01	1.6e-01	PCI/GDRY	06/11/2013 14:20 UTC
Bi214	J	3.84e-01	5.0e-02	2.8e-02	PCI/GDRY	06/11/2013 14:20 UTC
Cs137		1.92e-02	9.2e-03	1.4e-02	PCI/GDRY	06/11/2013 14:20 UTC
K40		1.01e+01	1.1e+00	1.4e-01	PCI/GDRY	06/11/2013 14:20 UTC
Pb212	J	3.68e-01	4.8e-02	2.9e-02	PCI/GDRY	06/11/2013 14:20 UTC
Pb214	J	4.63e-01	5.9e-02	3.1e-02	PCI/GDRY	06/11/2013 14:20 UTC
Ra228		4.75e-01	6.8e-02	4.2e-02	PCI/GDRY	06/11/2013 14:20 UTC
Th234	J	5.38e-01	2.8e-01	4.2e-01	PCI/GDRY	06/11/2013 14:20 UTC
Tl208	J	1.29e-01	2.0e-02	1.4e-02	PCI/GDRY	06/11/2013 14:20 UTC

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06394N	Amount analyzed:	4.992e+02 GDRY
Client sample ID:	13234026	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-11 15:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	92.94 %	Analyst:	MO
Ash/dry weight:	97.06 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/21/2013 03:58	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	6.40e-01	1.4e-01	1.4e-01	PCI/GDRY	06/11/2013 15:10 PDT
Bi214	J K	4.29e-01	5.3e-02	2.3e-02	PCI/GDRY	06/11/2013 15:10 PDT
Cs137		1.97e-02	9.4e-03	1.1e-02	PCI/GDRY	06/11/2013 15:10 PDT
K40		1.08e+01	1.2e+00	1.2e-01	PCI/GDRY	06/11/2013 15:10 PDT
Pa234m	J K	1.30e+00	9.7e-01	1.2e+00	PCI/GDRY	06/11/2013 15:10 PDT
Pb212	J K	4.24e-01	5.4e-02	3.2e-02	PCI/GDRY	06/11/2013 15:10 PDT
Pb214	J K	5.13e-01	6.5e-02	3.2e-02	PCI/GDRY	06/11/2013 15:10 PDT
Ra228		5.34e-01	7.6e-02	4.6e-02	PCI/GDRY	06/11/2013 15:10 PDT
Tl208	J K	1.58e-01	2.2e-02	1.4e-02	PCI/GDRY	06/11/2013 15:10 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	4.043e+02 GDRY
Client sample ID:	13234027	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	81.76 %	Analyst:	MO
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 12:08	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	4.60e-01	1.6e-01	1.9e-01	PCI/GDRY	06/11/2013 16:55 PDT
Bi214	J K	4.05e-01	5.4e-02	3.3e-02	PCI/GDRY	06/11/2013 16:55 PDT
Cs137		4.73e-02	1.1e-02	1.2e-02	PCI/GDRY	06/11/2013 16:55 PDT
K40		9.67e+00	1.1e+00	1.7e-01	PCI/GDRY	06/11/2013 16:55 PDT
Pa234m	J K	1.49e+00	1.3e+00	1.6e+00	PCI/GDRY	06/11/2013 16:55 PDT
Pb212	J K	3.72e-01	4.9e-02	3.4e-02	PCI/GDRY	06/11/2013 16:55 PDT
Pb214	J K	4.69e-01	6.1e-02	3.8e-02	PCI/GDRY	06/11/2013 16:55 PDT
Ra228		4.36e-01	6.8e-02	6.5e-02	PCI/GDRY	06/11/2013 16:55 PDT
Tl208	J K	1.33e-01	2.1e-02	1.8e-02	PCI/GDRY	06/11/2013 16:55 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06396Q	Amount analyzed:	5.311e+02 GDRY
Client sample ID:	13234032	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-11 12:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	76.23 %	Analyst:	MO
Ash/dry weight:	96.97 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/19/2013 16:51	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Be7		3.09e-01	1.2e-01	1.5e-01	PCI/GDRY	06/11/2013 12:55 PDT
Bi212	J K	4.51e-01	1.5e-01	1.7e-01	PCI/GDRY	06/11/2013 12:55 PDT
Bi214	J K	4.31e-01	5.6e-02	3.2e-02	PCI/GDRY	06/11/2013 12:55 PDT
Cs137		3.19e-02	1.1e-02	1.2e-02	PCI/GDRY	06/11/2013 12:55 PDT
K40		1.05e+01	1.2e+00	1.5e-01	PCI/GDRY	06/11/2013 12:55 PDT
Pb212	J K	4.30e-01	5.4e-02	3.3e-02	PCI/GDRY	06/11/2013 12:55 PDT
Pb214	J K	4.88e-01	6.1e-02	3.2e-02	PCI/GDRY	06/11/2013 12:55 PDT
Ra228		5.11e-01	7.5e-02	5.5e-02	PCI/GDRY	06/11/2013 12:55 PDT
Tl208	J K	1.45e-01	2.1e-02	1.5e-02	PCI/GDRY	06/11/2013 12:55 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06397R	Amount analyzed:	5.498e+02 GDRY
Client sample ID:	13234008	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-12 14:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	91.83 %	Analyst:	MO
Ash/dry weight:	96.09 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 01:14	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	6.74e-01	1.7e-01	1.7e-01	PCI/GDRY	06/12/2013 14:55 PDT
Bi214	J K	5.43e-01	6.6e-02	2.9e-02	PCI/GDRY	06/12/2013 14:55 PDT
Cs137		7.79e-03	9.2e-03	1.5e-02	PCI/GDRY	06/12/2013 14:55 PDT
K40		1.11e+01	1.2e+00	1.5e-01	PCI/GDRY	06/12/2013 14:55 PDT
Pb212	J K	5.52e-01	6.6e-02	3.1e-02	PCI/GDRY	06/12/2013 14:55 PDT
Pb214	J K	6.07e-01	7.3e-02	3.1e-02	PCI/GDRY	06/12/2013 14:55 PDT
Ra228		6.25e-01	8.3e-02	4.9e-02	PCI/GDRY	06/12/2013 14:55 PDT
Tl208	J K	1.78e-01	2.4e-02	1.6e-02	PCI/GDRY	06/12/2013 14:55 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06398T	Amount analyzed:	5.066e+02 GDRY
Client sample ID:	13234010	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-12 15:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	90.74 %	Analyst:	MO
Ash/dry weight:	96.45 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 09:37	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	9.69e-01	1.9e-01	1.8e-01	PCI/GDRY	06/12/2013 15:50 PDT
Bi214	J K	6.74e-01	8.1e-02	3.3e-02	PCI/GDRY	06/12/2013 15:50 PDT
Cs137		4.35e-03	1.0e-02	1.7e-02	PCI/GDRY	06/12/2013 15:50 PDT
K40		1.34e+01	1.5e+00	1.8e-01	PCI/GDRY	06/12/2013 15:50 PDT
Pb212	J K	7.63e-01	9.0e-02	3.9e-02	PCI/GDRY	06/12/2013 15:50 PDT
Pb214	J K	7.67e-01	9.1e-02	3.7e-02	PCI/GDRY	06/12/2013 15:50 PDT
Ra228		8.79e-01	1.1e-01	6.3e-02	PCI/GDRY	06/12/2013 15:50 PDT
Th234	J K	1.23e+00	7.7e-01	1.2e+00	PCI/GDRY	06/12/2013 15:50 PDT
Tl208	J K	2.44e-01	3.1e-02	1.8e-02	PCI/GDRY	06/12/2013 15:50 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06399U	Amount analyzed:	5.645e+02 GDRY
Client sample ID:	13234011	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-12 17:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	93.32 %	Analyst:	MO
Ash/dry weight:	96.75 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/20/2013 18:00	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	5.81e-01	1.6e-01	1.8e-01	PCI/GDRY	06/12/2013 17:35 PDT
Bi214	J K	4.82e-01	6.0e-02	3.1e-02	PCI/GDRY	06/12/2013 17:35 PDT
Cs137		1.32e-02	7.6e-03	1.0e-02	PCI/GDRY	06/12/2013 17:35 PDT
K40		1.15e+01	1.3e+00	1.5e-01	PCI/GDRY	06/12/2013 17:35 PDT
Pb212	J K	5.00e-01	6.0e-02	3.1e-02	PCI/GDRY	06/12/2013 17:35 PDT
Pb214	J K	5.53e-01	6.7e-02	3.1e-02	PCI/GDRY	06/12/2013 17:35 PDT
Ra228		6.15e-01	8.4e-02	5.2e-02	PCI/GDRY	06/12/2013 17:35 PDT
Th234	J K	8.84e-01	7.2e-01	1.2e+00	PCI/GDRY	06/12/2013 17:35 PDT
Tl208	J K	1.77e-01	2.3e-02	1.5e-02	PCI/GDRY	06/12/2013 17:35 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06400T	Amount analyzed:	4.828e+02 GDRY
Client sample ID:	13234014	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-12 19:14 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	97.38 %	Analyst:	MO
Ash/dry weight:	93.78 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/21/2013 02:23	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	6.02e-01	1.7e-01	1.9e-01	PCI/GDRY	06/12/2013 19:14 PDT
Bi214	J K	5.15e-01	6.5e-02	3.4e-02	PCI/GDRY	06/12/2013 19:14 PDT
Cs137		1.28e-01	1.9e-02	1.4e-02	PCI/GDRY	06/12/2013 19:14 PDT
K40		1.09e+01	1.2e+00	1.6e-01	PCI/GDRY	06/12/2013 19:14 PDT
Pb212	J K	5.16e-01	6.3e-02	3.4e-02	PCI/GDRY	06/12/2013 19:14 PDT
Pb214	J K	5.65e-01	7.0e-02	3.6e-02	PCI/GDRY	06/12/2013 19:14 PDT
Ra228		6.29e-01	8.8e-02	5.8e-02	PCI/GDRY	06/12/2013 19:14 PDT
Th234	J K	8.93e-01	7.0e-01	1.1e+00	PCI/GDRY	06/12/2013 19:14 PDT
Tl208	J K	1.96e-01	2.7e-02	1.8e-02	PCI/GDRY	06/12/2013 19:14 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06401U	Amount analyzed:	5.104e+02 GDRY
Client sample ID:	13234015	Preparation batch #:	0010134K
Matrix:	SOIL	Assay batch #:	0017210V
Collected:	2013-06-14 13:20 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	83.99 %	Analyst:	MO
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/21/2013 10:46	500.0	GE13	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J K	1.21e+00	2.4e-01	2.1e-01	PCI/GDRY	06/14/2013 13:20 PDT
Bi214	J K	8.70e-01	1.0e-01	3.6e-02	PCI/GDRY	06/14/2013 13:20 PDT
Cs137		7.16e-02	1.5e-02	1.5e-02	PCI/GDRY	06/14/2013 13:20 PDT
K40		6.65e+00	7.6e-01	1.6e-01	PCI/GDRY	06/14/2013 13:20 PDT
Pa234m	J K	1.20e+00	1.0e+00	1.7e+00	PCI/GDRY	06/14/2013 13:20 PDT
Pb212	J K	9.62e-01	1.1e-01	4.1e-02	PCI/GDRY	06/14/2013 13:20 PDT
Pb214	J K	9.96e-01	1.2e-01	4.2e-02	PCI/GDRY	06/14/2013 13:20 PDT
Ra228		1.09e+00	1.3e-01	6.3e-02	PCI/GDRY	06/14/2013 13:20 PDT
Th234	J K	1.14e+00	7.4e-01	1.1e+00	PCI/GDRY	06/14/2013 13:20 PDT
Tl208	J K	3.33e-01	4.0e-02	1.7e-02	PCI/GDRY	06/14/2013 13:20 PDT
U235	J K	1.04e-01	7.8e-02	1.2e-01	PCI/GDRY	06/14/2013 13:20 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00670207R	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010134K
Matrix:	N/A	Assay batch #:	0017210V
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	N/A	Analyst:	MO
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/21/2013 09:00	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi207		6.47e+03	7.2e+02	1.0e+02	PCI	12/15/2010 11:00 CDT
Bi212	J K	5.89e+02	1.9e+02	2.3e+02	PCI	12/15/2010 11:00 CDT
Bi214	J K	2.56e+02	3.7e+01	2.7e+01	PCI	12/15/2010 11:00 CDT
Eu155		1.68e+03	2.0e+02	9.6e+01	PCI	12/15/2010 11:00 CDT
K40		3.68e+02	8.5e+01	8.6e+01	PCI	12/15/2010 11:00 CDT
Pb212	J K	5.05e+02	6.1e+01	3.8e+01	PCI	12/15/2010 11:00 CDT
Pb214	J K	3.14e+02	4.6e+01	3.9e+01	PCI	12/15/2010 11:00 CDT
Ra228		5.35e+02	7.4e+01	7.1e+01	PCI	12/15/2010 11:00 CDT
Tl208	J K	1.54e+02	2.4e+01	1.9e+01	PCI	12/15/2010 11:00 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00670208T	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010134K
Matrix:	N/A	Assay batch #:	0017210V
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GAM-01-RA
Dry/wet weight:	N/A	Analyst:	MO
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/21/2013 14:03	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi212	J	1.35e+01	3.5e+01	5.9e+01	PCI	07/18/2013 07:00 CDT
Bi214	J	-1.75e+00	9.7e+00	1.2e+01	PCI	07/18/2013 07:00 CDT
Cs137		-1.08e+00	5.7e+00	4.8e+00	PCI	07/18/2013 07:00 CDT
K40		1.01e+01	2.9e+01	5.1e+01	PCI	07/18/2013 07:00 CDT
Pb212	J	4.40e+00	5.9e+00	8.9e+00	PCI	07/18/2013 07:00 CDT
Pb214	J	7.26e+00	6.1e+00	9.1e+00	PCI	07/18/2013 07:00 CDT
Ra228		1.04e+01	1.0e+01	1.5e+01	PCI	07/18/2013 07:00 CDT
Tl208	J	3.23e+00	3.2e+00	4.6e+00	PCI	07/18/2013 07:00 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010134K
Analysis method: NAREL GAM-01-RA
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06382J	13234000	00668062X		N/A		MO
B3.06383K	13234001	00668066B		N/A		MO
B3.06384L	13234003	00668070X		N/A		MO
B3.06385M	13234005	00668074B		N/A		MO
B3.06386N	13234007	00668078F		N/A		MO
B3.06387P	13234002	00668082B		N/A		MO
B3.06388Q	13234004	00668086F		N/A		MO
B3.06388Q	13234004	00670206Q	DUP	N/A		MO
B3.06389R	13234006	00668092D		N/A		MO
B3.06390J	13234019	00668097J		N/A		MO
B3.06391K	13234021	00668101L		N/A		MO
B3.06392L	13234022	00668108U		N/A		MO
B3.06393M	13234024	00668112P		N/A		MO
B3.06394N	13234026	00668116U		N/A		MO
B3.06395P	13234027	00668120P		N/A		MO
B3.06396Q	13234032	00668124U		N/A		MO
B3.06397R	13234008	00668128Y		N/A		MO
B3.06398T	13234010	00668132U		N/A		MO
B3.06399U	13234011	00668136Y		N/A		MO
B3.06400T	13234014	00668140U		N/A		MO
B3.06401U	13234015	00668144Y		N/A		MO
LCS-00670207R *		00670207R	LCS	N/A		MO
RBK-00670208T *		00670208T	RBK	N/A		MO

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010134K

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06388Q	00670206Q	DUP	BI212		25.9	1.38	PASS-J
B3.06388Q	00670206Q	DUP	BI214		5.4	0.59	PASS-J
B3.06388Q	00670206Q	DUP	CS137		6.0	0.29	PASS
B3.06388Q	00670206Q	DUP	K40		1.8	-0.23	PASS
B3.06388Q	00670206Q	DUP	PA234M				Unmatched
B3.06388Q	00670206Q	DUP	PB212		2.1	-0.23	PASS-J
B3.06388Q	00670206Q	DUP	PB214		3.0	-0.33	PASS-J
B3.06388Q	00670206Q	DUP	RA228		2.0	-0.20	PASS
B3.06388Q	00670206Q	DUP	TH234				Unmatched
B3.06388Q	00670206Q	DUP	TL208		14.8	1.43	PASS-J
LCS-00670207R	00670207R	LCS	BI207	96.1		-0.68	PASS
LCS-00670207R	00670207R	LCS	EU155	115.1		2.02	WARN
RBK-00670208T	00670208T	RBK	BI212				PASS-J
RBK-00670208T	00670208T	RBK	BI214				PASS-J
RBK-00670208T	00670208T	RBK	CS137				PASS
RBK-00670208T	00670208T	RBK	K40				PASS
RBK-00670208T	00670208T	RBK	PB212				PASS-J
RBK-00670208T	00670208T	RBK	PB214				WARN-J
RBK-00670208T	00670208T	RBK	RA228				WARN
RBK-00670208T	00670208T	RBK	TL208				WARN-J

Note: Results qualified with -J may be significantly under or over-estimated and are not evaluated for QC purposes.

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: October 31, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-4 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-09-0016 PAN: EE-004536-0008-01TTO

The data summary check of 17 soil and 3 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Strontium (EPA National Analytical Radiation Environmental Laboratory Method SR-04) analyses were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234000	12324001	13234002	13234003	13234004
13234005	13234006	13234007	13234008	13234010
13234011	13234014	13234015	13234019	13234021
13234022	13234024	13234026	13234027	13234032

No discrepancies were noted.

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

October 30, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached is a data package for strontium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300058.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
SR ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300058

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Strontium-89 and 90 in Environmental Matrices
Report ID:	1300058-SR
Report type:	Original
Date reported:	10/28/2013
Total pages in report:	32

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06382J	13234000	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06383K	13234001	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06384L	13234003	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06385M	13234005	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06386N	13234007	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06387P	13234002	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06388Q	13234004	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06389R	13234006	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06390J	13234019	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06391K	13234021	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06392L	13234022	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06393M	13234024	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06394N	13234026	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06395P	13234027	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06396Q	13234032	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06397R	13234008	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06398T	13234010	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06399U	13234011	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06400T	13234014	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06401U	13234015	OR:SALEM	SOIL	06/14/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels for samples B3.06397 through B3.06401. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – NAREL samples B3.06387 through B3.06393, and B3.06395 were reanalyzed because of an apparent interference which caused an unexpected decrease in count rates between the first and second counts. The reanalyzed samples were counted 4 times to allow the option of deleting the first count if the decrease in count rates occurred again in any of the reanalyses. Sample B3.06395 was the only reanalysis where the first count was deleted from the calculation. The results of the reanalyses are reported in this data package.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom — 10-30-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White — 10-30-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample, or blank spike
MS	Matrix spike
MSD	Matrix spike duplicate (not currently analyzed)
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. Generally the score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference. The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation of most analyses. An exception is the use of %R in the evaluation of gross alpha matrix spike results. A gross alpha matrix spike result is considered acceptable if either $|Z| \leq 3$ or $60 \leq \%R \leq 110$.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

ANALYSIS SUMMARY

Analysis method: NAREL SR-04
Title: Strontium-89 and 90 in Environmental Matrices

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06382J	13234000		08/19/2013	0010216L	0017286R
B3.06382J	13234000	DUP	08/19/2013	0010216L	0017286R
B3.06383K	13234001		08/19/2013	0010216L	0017286R
B3.06384L	13234003		08/19/2013	0010216L	0017286R
B3.06385M	13234005		08/19/2013	0010216L	0017286R
B3.06386N	13234007		08/19/2013	0010216L	0017286R
B3.06387P	13234002		10/17/2013	0010331N	0017395W
B3.06387P	13234002	DUP	10/17/2013	0010331N	0017395W
B3.06388Q	13234004		10/17/2013	0010331N	0017395W
B3.06389R	13234006		10/17/2013	0010331N	0017395W
B3.06390J	13234019		10/17/2013	0010331N	0017395W
B3.06391K	13234021		10/17/2013	0010331N	0017395W
B3.06392L	13234022		10/17/2013	0010331N	0017395W
B3.06393M	13234024		10/17/2013	0010331N	0017395W
B3.06394N	13234026		08/21/2013	0010216L	0017288U
B3.06395P	13234027		10/17/2013	0010331N	0017395W
B3.06396Q	13234032		08/21/2013	0010216L	0017288U
B3.06397R	13234008		08/21/2013	0010216L	0017288U
B3.06398T	13234010		08/21/2013	0010216L	0017288U
B3.06399U	13234011		08/21/2013	0010216L	0017288U
B3.06400T	13234014		08/21/2013	0010216L	0017288U
B3.06401U	13234015		08/21/2013	0010216L	0017288U
LCS-00671873B *		LCS	08/19/2013	0010216L	0017286R
RBK-00671874C *		RBK	08/19/2013	0010216L	0017286R
LCS-00674103B *		LCS	10/17/2013	0010331N	0017395W
RBK-00674104C *		RBK	10/17/2013	0010331N	0017395W

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	4.465e-01 GASH
Client sample ID:	13234000	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017286R
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	92.72 %	Analyst:	ARM
Ash/dry weight:	94.54 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA1A	JEA
08/14/2013 12:44	100.0	QA1A	JEA
08/19/2013 10:14	100.0	QA1A	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	7.89e-01	3.3e+00	5.9e+00	PCI/GDRY	06/10/2013 16:24 CDT
Sr90	1.15e-01	1.0e+00	1.9e+00	PCI/GDRY	06/10/2013 16:24 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	4.493e-01 GASH
Client sample ID:	13234000	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017286R
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	92.72 %	Analyst:	ARM
Ash/dry weight:	94.54 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA1B	JEA
08/14/2013 12:44	100.0	QA1B	JEA
08/19/2013 10:14	100.0	QA1B	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	7.21e-02	3.7e+00	6.9e+00	PCI/GDRY	06/10/2013 16:24 CDT
Sr90	4.68e-01	1.2e+00	2.1e+00	PCI/GDRY	06/10/2013 16:24 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06383K	Amount analyzed:	4.446e-01 GASH
Client sample ID:	13234001	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017286R
Collected:	2013-06-10 16:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	90.84 %	Analyst:	ARM
Ash/dry weight:	93.85 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA1C	JEA
08/14/2013 12:44	100.0	QA1C	JEA
08/19/2013 10:14	100.0	QA1C	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	2.36e+00	3.3e+00	6.0e+00	PCI/GDRY	06/10/2013 16:50 CDT
Sr90	-4.13e-01	1.1e+00	2.1e+00	PCI/GDRY	06/10/2013 16:50 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	4.983e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017286R
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	91.38 %	Analyst:	ARM
Ash/dry weight:	94.64 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA1D	JEA
08/14/2013 12:44	100.0	QA1D	JEA
08/19/2013 10:14	100.0	QA1D	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.46e+00	3.2e+00	5.6e+00	PCI/GDRY	06/10/2013 17:11 CDT
Sr90	1.00e-02	1.0e+00	1.9e+00	PCI/GDRY	06/10/2013 17:11 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06385M	Amount analyzed:	4.797e-01 GASH
Client sample ID:	13234005	Preparation batch #:	0010216L
Matrix:	SEDIMENT	Assay batch #:	0017286R
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	89.15 %	Analyst:	ARM
Ash/dry weight:	97.35 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA2A	JEA
08/14/2013 12:44	100.0	QA2A	JEA
08/19/2013 10:15	100.0	QA2A	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-1.35e-01	3.2e+00	6.1e+00	PCI/GDRY	06/10/2013 18:17 CDT
Sr90	4.28e-01	1.0e+00	1.8e+00	PCI/GDRY	06/10/2013 18:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	5.182e-01 GASH
Client sample ID:	13234007	Preparation batch #:	0010216L
Matrix:	SEDIMENT	Assay batch #:	0017286R
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	68.03 %	Analyst:	ARM
Ash/dry weight:	95.39 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA2B	JEA
08/14/2013 12:44	100.0	QA2B	JEA
08/19/2013 10:15	100.0	QA2B	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-1.36e+00	2.9e+00	5.8e+00	PCI/GDRY	06/10/2013 18:58 CDT
Sr90	7.87e-01	9.5e-01	1.7e+00	PCI/GDRY	06/10/2013 18:58 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	4.502e-01 GASH
Client sample ID:	13234002	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	89.87 %	Analyst:	ARM
Ash/dry weight:	90.34 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA1A	JEA
09/27/2013 11:22	100.0	QA1A	JEA
09/30/2013 13:00	100.0	QA1A	RCL
10/17/2013 11:52	100.0	QA1A	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-2.28e+00	5.5e+00	1.0e+01	PCI/GDRY	06/10/2013 17:10 PDT
Sr90	4.55e-01	8.3e-01	1.5e+00	PCI/GDRY	06/10/2013 17:10 PDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	5.006e-01 GASH
Client sample ID:	13234002	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	89.87 %	Analyst:	ARM
Ash/dry weight:	90.34 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA1B	JEA
09/27/2013 11:22	100.0	QA1B	JEA
09/30/2013 13:00	100.0	QA1B	RCL
10/17/2013 11:52	100.0	QA1B	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-1.54e+00	4.1e+00	7.6e+00	PCI/GDRY	06/10/2013 17:10 PDT
Sr90	4.82e-01	6.3e-01	1.1e+00	PCI/GDRY	06/10/2013 17:10 PDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	4.563e-01 GASH
Client sample ID:	13234004	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	74.51 %	Analyst:	ARM
Ash/dry weight:	95.71 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA1C	JEA
09/27/2013 11:22	100.0	QA1C	JEA
09/30/2013 13:00	100.0	QA1C	RCL
10/17/2013 11:52	100.0	QA1C	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-5.46e-01	5.3e+00	9.6e+00	PCI/GDRY	06/10/2013 17:51 PDT
Sr90	3.31e-01	8.0e-01	1.4e+00	PCI/GDRY	06/10/2013 17:51 PDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06389R	Amount analyzed:	4.616e-01 GASH
Client sample ID:	13234006	Preparation batch #:	0010331N
Matrix:	SEDIMENT	Assay batch #:	0017395W
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	76.24 %	Analyst:	ARM
Ash/dry weight:	97.88 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA1D	JEA
09/27/2013 11:22	100.0	QA1D	JEA
09/30/2013 13:00	100.0	QA1D	RCL
10/17/2013 11:52	100.0	QA1D	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	2.68e+00	6.6e+00	1.1e+01	PCI/GDRY	06/10/2013 18:17 PDT
Sr90	5.38e-02	9.8e-01	1.8e+00	PCI/GDRY	06/10/2013 18:17 PDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06390J	Amount analyzed:	4.195e-01 GASH
Client sample ID:	13234019	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-12 10:25 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	88.27 %	Analyst:	ARM
Ash/dry weight:	96.12 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA2A	JEA
09/27/2013 11:23	100.0	QA2A	JEA
09/30/2013 13:00	100.0	QA2A	RCL
10/17/2013 11:52	100.0	QA2A	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-3.00e+00	5.7e+00	1.1e+01	PCI/GDRY	06/12/2013 10:25 PDT
Sr90	9.27e-01	8.9e-01	1.4e+00	PCI/GDRY	06/12/2013 10:25 PDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06391K	Amount analyzed:	4.625e-01 GASH
Client sample ID:	13234021	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-12 11:30 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	88.60 %	Analyst:	ARM
Ash/dry weight:	96.84 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA2B	JEA
09/27/2013 11:23	100.0	QA2B	JEA
09/30/2013 13:00	100.0	QA2B	RCL
10/17/2013 11:52	100.0	QA2B	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.67e+00	5.8e+00	9.9e+00	PCI/GDRY	06/12/2013 11:30 PDT
Sr90	1.16e-01	8.8e-01	1.5e+00	PCI/GDRY	06/12/2013 11:30 PDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06392L	Amount analyzed:	4.405e-01 GASH
Client sample ID:	13234022	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-11 11:02 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	78.37 %	Analyst:	ARM
Ash/dry weight:	94.22 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA2C	JEA
09/27/2013 11:23	100.0	QA2C	JEA
09/30/2013 13:00	100.0	QA2C	RCL
10/17/2013 11:52	100.0	QA2C	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	3.39e-01	5.1e+00	9.0e+00	PCI/GDRY	06/11/2013 11:02 PDT
Sr90	4.73e-01	7.8e-01	1.3e+00	PCI/GDRY	06/11/2013 11:02 PDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06393M	Amount analyzed:	4.445e-01 GASH
Client sample ID:	13234024	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-11 14:20 UTC	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	74.59 %	Analyst:	ARM
Ash/dry weight:	91.52 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:03	100.0	QA2D	JEA
09/27/2013 11:23	100.0	QA2D	JEA
09/30/2013 13:00	100.0	QA2D	RCL
10/17/2013 11:52	100.0	QA2D	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	2.67e+00	4.7e+00	8.0e+00	PCI/GDRY	06/11/2013 14:20 UTC
Sr90	-4.71e-02	7.0e-01	1.3e+00	PCI/GDRY	06/11/2013 14:20 UTC

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06394N	Amount analyzed:	4.557e-01 GASH
Client sample ID:	13234026	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017288U
Collected:	2013-06-11 15:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	92.94 %	Analyst:	ARM
Ash/dry weight:	97.06 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/15/2013 15:40	100.0	QA1A	JEA
08/16/2013 14:19	100.0	QA1A	JEA
08/21/2013 11:09	100.0	QA1A	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	8.03e-01	3.7e+00	6.6e+00	PCI/GDRY	06/11/2013 15:10 CDT
Sr90	6.35e-02	1.2e+00	2.1e+00	PCI/GDRY	06/11/2013 15:10 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	4.300e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010331N
Matrix:	SOIL	Assay batch #:	0017395W
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	81.76 %	Analyst:	ARM
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/27/2013 13:27	100.0	QA1A	JEA
09/30/2013 14:42	100.0	QA1A	RCL
10/17/2013 11:52	100.0	GQ2A	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	6.44e+00	9.9e+00	1.7e+01	PCI/GDRY	06/11/2013 16:55 PDT
Sr90	-3.15e-01	1.3e+00	2.5e+00	PCI/GDRY	06/11/2013 16:55 PDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06396Q	Amount analyzed:	4.747e-01 GASH
Client sample ID:	13234032	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017288U
Collected:	2013-06-11 12:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	76.23 %	Analyst:	ARM
Ash/dry weight:	96.97 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/15/2013 15:40	100.0	QA1B	JEA
08/16/2013 14:19	100.0	QA1B	JEA
08/21/2013 11:09	100.0	QA1B	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	3.43e+00	3.8e+00	6.6e+00	PCI/GDRY	06/11/2013 12:55 CDT
Sr90	-4.55e-01	1.2e+00	2.4e+00	PCI/GDRY	06/11/2013 12:55 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06397R	Amount analyzed:	4.756e-01 GASH
Client sample ID:	13234008	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017288U
Collected:	2013-06-12 14:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	91.83 %	Analyst:	ARM
Ash/dry weight:	96.09 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/15/2013 15:40	100.0	QA1C	JEA
08/16/2013 14:19	100.0	QA1C	JEA
08/21/2013 11:09	100.0	QA1C	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	3.06e+00	3.3e+00	5.8e+00	PCI/GDRY	06/12/2013 14:55 CDT
Sr90	-5.49e-01	1.0e+00	2.1e+00	PCI/GDRY	06/12/2013 14:55 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06398T	Amount analyzed:	4.546e-01 GASH
Client sample ID:	13234010	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017288U
Collected:	2013-06-12 15:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	90.74 %	Analyst:	ARM
Ash/dry weight:	96.45 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/15/2013 15:40	100.0	QA1D	JEA
08/16/2013 14:19	100.0	QA1D	JEA
08/21/2013 11:09	100.0	QA1D	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	5.84e-01	3.6e+00	6.5e+00	PCI/GDRY	06/12/2013 15:50 CDT
Sr90	3.55e-01	1.1e+00	2.0e+00	PCI/GDRY	06/12/2013 15:50 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06399U	Amount analyzed:	4.928e-01 GASH
Client sample ID:	13234011	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017288U
Collected:	2013-06-12 17:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	93.32 %	Analyst:	ARM
Ash/dry weight:	96.75 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/15/2013 15:40	100.0	QA2A	JEA
08/16/2013 14:19	100.0	QA2A	JEA
08/21/2013 11:09	100.0	QA2A	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.70e+00	3.4e+00	6.1e+00	PCI/GDRY	06/12/2013 17:35 CDT
Sr90	-2.26e-01	1.1e+00	2.1e+00	PCI/GDRY	06/12/2013 17:35 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06400T	Amount analyzed:	4.729e-01 GASH
Client sample ID:	13234014	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017288U
Collected:	2013-06-12 19:14 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	97.38 %	Analyst:	ARM
Ash/dry weight:	93.78 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/15/2013 15:40	100.0	QA2B	JEA
08/16/2013 14:19	100.0	QA2B	JEA
08/21/2013 11:09	100.0	QA2B	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-1.11e+00	3.3e+00	6.5e+00	PCI/GDRY	06/12/2013 19:14 CDT
Sr90	7.10e-01	1.1e+00	1.9e+00	PCI/GDRY	06/12/2013 19:14 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06401U	Amount analyzed:	4.895e-01 GASH
Client sample ID:	13234015	Preparation batch #:	0010216L
Matrix:	SOIL	Assay batch #:	0017288U
Collected:	2013-06-14 13:20 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	83.99 %	Analyst:	ARM
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/15/2013 15:40	100.0	QA2C	JEA
08/16/2013 14:19	100.0	QA2C	JEA
08/21/2013 11:09	100.0	QA2C	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.60e-01	2.9e+00	5.6e+00	PCI/GDRY	06/14/2013 13:20 CDT
Sr90	4.74e-01	9.6e-01	1.7e+00	PCI/GDRY	06/14/2013 13:20 CDT

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NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671873B	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010216L
Matrix:	N/A	Assay batch #:	0017286R
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA2C	JEA
08/14/2013 12:44	100.0	QA2C	JEA
08/19/2013 10:15	100.0	QA2C	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.28e+01	3.1e+00	4.2e+00	PCI	08/13/2013 10:33 CDT
Sr90	1.81e+01	2.5e+00	2.5e+00	PCI	08/13/2013 10:33 CDT

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NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671874C	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010216L
Matrix:	N/A	Assay batch #:	0017286R
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 15:46	100.0	QA2D	JEA
08/14/2013 12:44	100.0	QA2D	JEA
08/19/2013 10:15	100.0	QA2D	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	3.00e-01	6.2e-01	1.1e+00	PCI	08/13/2013 10:33 CDT
Sr90	-4.63e-02	4.7e-01	9.0e-01	PCI	08/13/2013 10:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00674103B	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010331N
Matrix:	N/A	Assay batch #:	0017395W
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:02	100.0	GQ2B	JEA
09/27/2013 13:27	100.0	QA1B	JEA
09/30/2013 14:42	100.0	QA1B	RCL
10/17/2013 11:52	100.0	GQ2B	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	2.76e+01	3.1e+00	3.5e+00	PCI	09/26/2013 10:55 CDT
Sr90	1.64e+01	2.1e+00	2.3e+00	PCI	09/26/2013 10:55 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00674104C	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010331N
Matrix:	N/A	Assay batch #:	0017395W
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/26/2013 16:02	100.0	GQ2D	JEA
09/27/2013 13:27	100.0	QA1C	JEA
09/30/2013 14:42	100.0	QA1C	RCL
10/17/2013 11:52	100.0	GQ2D	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-3.79e-01	7.1e-01	1.3e+00	PCI	09/26/2013 10:55 CDT
Sr90	3.82e-01	4.7e-01	7.9e-01	PCI	09/26/2013 10:55 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010216L
Analysis method: NAREL SR-04
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06382J	13234000	00669688G		79.29 %	1.47 %	ARM
B3.06382J	13234000	00671872A	DUP	69.98 %	1.30 %	ARM
B3.06383K	13234001	00669694E		76.86 %	1.43 %	ARM
B3.06384L	13234003	00669699K		69.17 %	1.29 %	ARM
B3.06385M	13234005	00669704N		71.60 %	1.33 %	ARM
B3.06386N	13234007	00669709U		72.82 %	1.35 %	ARM
B3.06394N	13234026	00669752X		72.55 %	1.35 %	ARM
B3.06396Q	13234032	00669762Z		67.69 %	1.26 %	ARM
B3.06397R	13234008	00669767E		77.13 %	1.43 %	ARM
B3.06398T	13234010	00669772B		70.39 %	1.31 %	ARM
B3.06399U	13234011	00669777G		65.26 %	1.21 %	ARM
B3.06400T	13234014	00669782D		69.17 %	1.29 %	ARM
B3.06401U	13234015	00669787J		67.83 %	1.26 %	ARM
LCS-00671873B *		00671873B	LCS	68.91 %	1.28 %	ARM
RBK-00671874C *		00671874C	RBK	75.24 %	1.40 %	ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010216L

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06382J	00671872A	DUP	SR89		166.5	-0.29	PASS
B3.06382J	00671872A	DUP	SR90		121.4	0.45	PASS
LCS-00671873B	00671873B	LCS	SR89	116.8		1.09	PASS
LCS-00671873B	00671873B	LCS	SR90	103.0		0.33	PASS
RBK-00671874C	00671874C	RBK	SR89				PASS
RBK-00671874C	00671874C	RBK	SR90				PASS

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010331N
Analysis method: NAREL SR-04
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06387P	13234002	00674099Z		56.77 %	1.31 %	ARM
B3.06387P	13234002	00674102A	DUP	69.98 %	1.52 %	ARM
B3.06388Q	13234004	00674100Y		63.65 %	1.42 %	ARM
B3.06389R	13234006	00673907C		49.35 %	1.21 %	ARM
B3.06390J	13234019	00673908D		60.54 %	1.37 %	ARM
B3.06391K	13234021	00674101Z		53.94 %	1.27 %	ARM
B3.06392L	13234022	00673909E		62.43 %	1.40 %	ARM
B3.06393M	13234024	00673910X		63.24 %	1.41 %	ARM
B3.06395P	13234027	00673911Y		48.68 %	1.20 %	ARM
LCS-00674103B *		00674103B	LCS	53.94 %	1.27 %	ARM
RBK-00674104C *		00674104C	RBK	55.69 %	1.30 %	ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010331N

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06387P	00674102A	DUP	SR89		-38.7	0.22	PASS
B3.06387P	00674102A	DUP	SR90		5.8	0.05	PASS
LCS-00674103B	00674103B	LCS	SR89	114.8		1.68	PASS
LCS-00674103B	00674103B	LCS	SR90	93.7		-0.84	PASS
RBK-00674104C	00674104C	RBK	SR89				PASS
RBK-00674104C	00674104C	RBK	SR90				PASS

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MEMORANDUM

DATE: September 12, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 17 soil and 3 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Alpha and beta particle analyses (EPA National Analytical Radiation Environmental Laboratory Method GR-03) were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234000	13234001	13234002	13234003	13234004	13234005
13234006	13234007	13234008	13234010	13234011	13234014
13234015	13234019	13234021	13234022	13234024	13234026
13234027	13234032				

No discrepancies were noted.

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
ALPBET ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300058

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Gross Alpha and Beta on Solid Samples
Report ID:	1300058-ALPBET
Report type:	Original
Date reported:	07/23/2013
Total pages in report:	28

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06382J	13234000	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06383K	13234001	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06384L	13234003	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06385M	13234005	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06386N	13234007	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06387P	13234002	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06388Q	13234004	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06389R	13234006	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06390J	13234019	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06391K	13234021	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06392L	13234022	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06393M	13234024	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06394N	13234026	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06395P	13234027	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06396Q	13234032	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06397R	13234008	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06398T	13234010	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06399U	13234011	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06400T	13234014	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06401U	13234015	OR:SALEM	SOIL	06/14/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels for samples B3.06397 through B3.06401. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 7-23-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Sonya B Hutson 7/23/13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

GENERAL INFORMATION (CONTINUED)

GROSS ALPHA AND BETA ANALYSIS

In comparison to the methods employed to determine radionuclide-specific activities, the method used by NAREL to determine gross alpha and beta activities has the potential for greater analytical uncertainty. Although NAREL attempts to estimate the total uncertainty of each result, the analytical method does not admit a rigorous uncertainty analysis. Significant components of the uncertainty must be based on professional judgment and historical data. For this reason results from gross alpha and beta analyses should be used only as gross approximations of the alpha and beta activity present.

Note that NAREL does not automatically qualify individual results from gross alpha/beta measurements, although the values may be significantly overestimated or underestimated in relation to the reported uncertainty.

The 2009 TNI accreditation standard for environmental laboratories (Volume 1, Module 6, 1.7.2.1(b)) does not require method blanks for gross alpha/beta analysis of solid samples. In 2013 NAREL, while considering the TNI requirements, examined historical method blank data from NAREL method GR-03 "Gross Alpha and Beta Analysis of Solid Samples" to assess their usefulness. We decided, effective April 25, 2013, to discontinue method blanks for method GR-03. Method blanks are still required for gross alpha/beta analysis of samples analyzed using other methods (e.g., NAREL GR-01) and for other matrices, such as water.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

ANALYSIS SUMMARY

Analysis method: NAREL GR-03
Title: Gross Alpha and Beta on Solid Samples

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06382J	13234000		07/17/2013	0010117J	0017196Q
B3.06382J	13234000	DUP	07/17/2013	0010117J	0017196Q
B3.06383K	13234001		07/17/2013	0010117J	0017196Q
B3.06384L	13234003		07/17/2013	0010117J	0017196Q
B3.06385M	13234005		07/17/2013	0010117J	0017196Q
B3.06386N	13234007		07/17/2013	0010117J	0017196Q
B3.06387P	13234002		07/17/2013	0010117J	0017196Q
B3.06388Q	13234004		07/17/2013	0010117J	0017196Q
B3.06389R	13234006		07/17/2013	0010117J	0017196Q
B3.06390J	13234019		07/17/2013	0010117J	0017196Q
B3.06391K	13234021		07/17/2013	0010117J	0017196Q
B3.06392L	13234022		07/17/2013	0010117J	0017196Q
B3.06393M	13234024		07/17/2013	0010117J	0017196Q
B3.06394N	13234026		07/17/2013	0010117J	0017196Q
B3.06395P	13234027		07/17/2013	0010117J	0017196Q
B3.06396Q	13234032		07/18/2013	0010117J	0017196Q
B3.06397R	13234008		07/18/2013	0010117J	0017196Q
B3.06398T	13234010		07/18/2013	0010117J	0017196Q
B3.06399U	13234011		07/18/2013	0010117J	0017196Q
B3.06400T	13234014		07/18/2013	0010117J	0017196Q
B3.06401U	13234015		07/18/2013	0010117J	0017196Q
LCS-00669839D *		LCS	07/18/2013	0010117J	0017196Q

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	9.450e-02 GASH
Client sample ID:	13234000	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	92.72 %	Analyst:	ARM
Ash/dry weight:	94.54 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 14:06	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	4.92e+00	9.5e+00	6.0e+00	PCI/GDRY	07/17/2013 14:06 CDT
Beta	1.19e+01	3.9e+00	5.1e+00	PCI/GDRY	07/17/2013 14:06 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	9.840e-02 GASH
Client sample ID:	13234000	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	92.72 %	Analyst:	ARM
Ash/dry weight:	94.54 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 14:06	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	4.70e+00	9.2e+00	7.2e+00	PCI/GDRY	07/17/2013 14:06 CDT
Beta	1.29e+01	3.9e+00	5.0e+00	PCI/GDRY	07/17/2013 14:06 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06383K	Amount analyzed:	1.037e-01 GASH
Client sample ID:	13234001	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-10 16:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	90.84 %	Analyst:	ARM
Ash/dry weight:	93.85 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 14:06	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.02e+01	1.0e+01	5.9e+00	PCI/GDRY	07/17/2013 14:06 CDT
Beta	1.34e+01	3.9e+00	5.0e+00	PCI/GDRY	07/17/2013 14:06 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	9.810e-02 GASH
Client sample ID:	13234003	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	91.38 %	Analyst:	ARM
Ash/dry weight:	94.64 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 15:47	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.69e+00	8.9e+00	6.0e+00	PCI/GDRY	07/17/2013 15:47 CDT
Beta	1.28e+01	3.9e+00	5.0e+00	PCI/GDRY	07/17/2013 15:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06385M	Amount analyzed:	9.790e-02 GASH
Client sample ID:	13234005	Preparation batch #:	0010117J
Matrix:	SEDIMENT	Assay batch #:	0017196Q
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	89.15 %	Analyst:	ARM
Ash/dry weight:	97.35 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 15:47	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	2.53e+00	9.1e+00	7.5e+00	PCI/GDRY	07/17/2013 15:47 CDT
Beta	1.77e+01	4.4e+00	5.4e+00	PCI/GDRY	07/17/2013 15:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	9.940e-02 GASH
Client sample ID:	13234007	Preparation batch #:	0010117J
Matrix:	SEDIMENT	Assay batch #:	0017196Q
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	68.03 %	Analyst:	ARM
Ash/dry weight:	95.39 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 15:47	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	4.03e+00	9.3e+00	6.1e+00	PCI/GDRY	07/17/2013 15:47 CDT
Beta	1.54e+01	4.2e+00	5.3e+00	PCI/GDRY	07/17/2013 15:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	9.610e-02 GASH
Client sample ID:	13234002	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	89.87 %	Analyst:	ARM
Ash/dry weight:	90.34 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 17:27	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.32e+01	1.1e+01	5.8e+00	PCI/GDRY	07/17/2013 17:27 CDT
Beta	1.13e+01	3.7e+00	5.0e+00	PCI/GDRY	07/17/2013 17:27 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	1.061e-01 GASH
Client sample ID:	13234004	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	74.51 %	Analyst:	ARM
Ash/dry weight:	95.71 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 17:27	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	6.25e+00	9.5e+00	7.2e+00	PCI/GDRY	07/17/2013 17:27 CDT
Beta	1.51e+01	4.0e+00	5.0e+00	PCI/GDRY	07/17/2013 17:27 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06389R	Amount analyzed:	9.480e-02 GASH
Client sample ID:	13234006	Preparation batch #:	0010117J
Matrix:	SEDIMENT	Assay batch #:	0017196Q
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	76.24 %	Analyst:	ARM
Ash/dry weight:	97.88 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 17:27	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	3.35e+00	9.5e+00	6.3e+00	PCI/GDRY	07/17/2013 17:27 CDT
Beta	1.43e+01	4.2e+00	5.5e+00	PCI/GDRY	07/17/2013 17:27 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06390J	Amount analyzed:	9.580e-02 GASH
Client sample ID:	13234019	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-12 10:25 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	88.27 %	Analyst:	ARM
Ash/dry weight:	96.12 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 19:07	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	2.55e+00	9.2e+00	6.1e+00	PCI/GDRY	07/17/2013 19:07 CDT
Beta	1.39e+01	4.1e+00	5.3e+00	PCI/GDRY	07/17/2013 19:07 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06391K	Amount analyzed:	9.440e-02 GASH
Client sample ID:	13234021	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-12 11:30 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	88.60 %	Analyst:	ARM
Ash/dry weight:	96.84 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 19:07	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	9.68e+00	1.1e+01	7.5e+00	PCI/GDRY	07/17/2013 19:07 CDT
Beta	1.38e+01	4.2e+00	5.4e+00	PCI/GDRY	07/17/2013 19:07 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06392L	Amount analyzed:	9.770e-02 GASH
Client sample ID:	13234022	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-11 11:02 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	78.37 %	Analyst:	ARM
Ash/dry weight:	94.22 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 19:07	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	9.64e+00	1.0e+01	6.1e+00	PCI/GDRY	07/17/2013 19:07 CDT
Beta	1.39e+01	4.1e+00	5.3e+00	PCI/GDRY	07/17/2013 19:07 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06393M	Amount analyzed:	9.750e-02 GASH
Client sample ID:	13234024	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-11 14:20 UTC	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	74.59 %	Analyst:	ARM
Ash/dry weight:	91.52 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 20:47	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	4.77e+00	9.2e+00	5.8e+00	PCI/GDRY	07/17/2013 20:47 CDT
Beta	1.13e+01	3.7e+00	4.9e+00	PCI/GDRY	07/17/2013 20:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06394N	Amount analyzed:	1.006e-01 GASH
Client sample ID:	13234026	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-11 15:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	92.94 %	Analyst:	ARM
Ash/dry weight:	97.06 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 20:47	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	2.50e+00	9.1e+00	7.4e+00	PCI/GDRY	07/17/2013 20:47 CDT
Beta	1.48e+01	4.1e+00	5.2e+00	PCI/GDRY	07/17/2013 20:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	9.570e-02 GASH
Client sample ID:	13234027	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	81.76 %	Analyst:	ARM
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 20:47	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	2.36e+00	8.8e+00	6.0e+00	PCI/GDRY	07/17/2013 20:47 CDT
Beta	1.24e+01	3.9e+00	5.1e+00	PCI/GDRY	07/17/2013 20:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06396Q	Amount analyzed:	9.920e-02 GASH
Client sample ID:	13234032	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-11 12:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	76.23 %	Analyst:	ARM
Ash/dry weight:	96.97 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 22:28	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	5.62e+00	9.5e+00	5.9e+00	PCI/GDRY	07/17/2013 22:28 CDT
Beta	1.06e+01	3.7e+00	5.0e+00	PCI/GDRY	07/17/2013 22:28 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06397R	Amount analyzed:	9.650e-02 GASH
Client sample ID:	13234008	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-12 14:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	91.83 %	Analyst:	ARM
Ash/dry weight:	96.09 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 22:28	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.56e-01	8.6e+00	7.4e+00	PCI/GDRY	07/17/2013 22:28 CDT
Beta	1.18e+01	3.9e+00	5.1e+00	PCI/GDRY	07/17/2013 22:28 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06398T	Amount analyzed:	1.001e-01 GASH
Client sample ID:	13234010	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-12 15:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	90.74 %	Analyst:	ARM
Ash/dry weight:	96.45 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 22:28	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	3.25e+00	9.3e+00	6.2e+00	PCI/GDRY	07/17/2013 22:28 CDT
Beta	1.32e+01	4.0e+00	5.1e+00	PCI/GDRY	07/17/2013 22:28 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06399U	Amount analyzed:	1.013e-01 GASH
Client sample ID:	13234011	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-12 17:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	93.32 %	Analyst:	ARM
Ash/dry weight:	96.75 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 00:08	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	7.53e+00	1.0e+01	6.2e+00	PCI/GDRY	07/18/2013 00:08 CDT
Beta	1.48e+01	4.1e+00	5.2e+00	PCI/GDRY	07/18/2013 00:08 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06400T	Amount analyzed:	9.270e-02 GASH
Client sample ID:	13234014	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-12 19:14 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	97.38 %	Analyst:	ARM
Ash/dry weight:	93.78 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 00:08	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	7.86e+00	9.9e+00	7.3e+00	PCI/GDRY	07/18/2013 00:08 CDT
Beta	1.32e+01	4.1e+00	5.3e+00	PCI/GDRY	07/18/2013 00:08 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06401U	Amount analyzed:	9.540e-02 GASH
Client sample ID:	13234015	Preparation batch #:	0010117J
Matrix:	SOIL	Assay batch #:	0017196Q
Collected:	2013-06-14 13:20 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	83.99 %	Analyst:	ARM
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 00:08	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.95e+01	1.2e+01	5.7e+00	PCI/GDRY	07/18/2013 00:08 CDT
Beta	1.50e+01	4.1e+00	5.2e+00	PCI/GDRY	07/18/2013 00:08 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00669839D	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010117J
Matrix:	N/A	Assay batch #:	0017196Q
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GR-03
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/18/2013 01:48	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.94e+01	4.2e+00	2.6e-01	PCI	07/18/2013 01:48 CDT
Beta	1.43e+01	1.8e+00	1.1e+00	PCI	07/18/2013 01:48 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010117J
Analysis method: NAREL GR-03
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06382J	13234000	00668621G		N/A		ARM
B3.06382J	13234000	00669838C	DUP	N/A		ARM
B3.06383K	13234001	00669689H		N/A		ARM
B3.06384L	13234003	00668623J		N/A		ARM
B3.06385M	13234005	00668624K		N/A		ARM
B3.06386N	13234007	00668625L		N/A		ARM
B3.06387P	13234002	00668626M		N/A		ARM
B3.06388Q	13234004	00668627N		N/A		ARM
B3.06389R	13234006	00668628P		N/A		ARM
B3.06390J	13234019	00668629Q		N/A		ARM
B3.06391K	13234021	00668630H		N/A		ARM
B3.06392L	13234022	00668631J		N/A		ARM
B3.06393M	13234024	00668632K		N/A		ARM
B3.06394N	13234026	00668633L		N/A		ARM
B3.06395P	13234027	00668634M		N/A		ARM
B3.06396Q	13234032	00668635N		N/A		ARM
B3.06397R	13234008	00668636P		N/A		ARM
B3.06398T	13234010	00668637Q		N/A		ARM
B3.06399U	13234011	00668638R		N/A		ARM
B3.06400T	13234014	00668639T		N/A		ARM
B3.06401U	13234015	00668640K		N/A		ARM
LCS-00669839D *		00669839D	LCS	N/A		ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010117J

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06382J	00669838C	DUP	ALPHA		4.5	-0.03	PASS
B3.06382J	00669838C	DUP	BETA		7.8	0.35	PASS
LCS-00669839D	00669839D	LCS	ALPHA	104.8		0.42	PASS
LCS-00669839D	00669839D	LCS	BETA	96.1		-0.63	PASS

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: August 29, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 20 soil and 5 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Americium and/or thorium (EPA National Analytical Radiation Environmental Laboratory methods AM-EICHROM and TH-EICHROM) analyses were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234000	13234001	13234002	13234003	13234004	13234005
13234006	13234007	13234008	13234010	13234011	13234014
13234015	13234016	13234017	13234019	13234021	13234022
13234024	13234026	13234027	13234032	13234037	13234039
13234042					

No discrepancies were noted. Sample results qualified "J" by the laboratory to indicate a result that may be significantly under or overestimated were tagged with the bias qualifier "K" by the secondary reviewer to indicate that the estimated results have an unknown bias.

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

August 26, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached is a data package for isotopic thorium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300058. Also attached is a data package for americium analysis of NAREL batch number 1300059.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
AM ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300059

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Americium-241) by Extraction Chromatography
Report ID:	1300059-AM
Report type:	Original
Date reported:	08/22/2013
Total pages in report:	14

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06402V	13234016	OR:SALEM	SOIL	06/14/2013	06/18/2013
B3.06403W	13234017	OR:SALEM	SEDIMENT	06/12/2013	06/18/2013
B3.06404X	13234037	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06405Y	13234039	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06406Z	13234042	OR:SALEM	SEDIMENT	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – Samples in this SDG had to be reanalyzed as a result of a QC LCS failure. The results of the reanalyses are reported in this data package.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom — 8-26-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White — 8-26-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample, or blank spike
MS	Matrix spike
MSD	Matrix spike duplicate (not currently analyzed)
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. Generally the score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference. The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation of most analyses. An exception is the use of %R in the evaluation of gross alpha matrix spike results. A gross alpha matrix spike result is considered acceptable if either $|Z| \leq 3$ or $60 \leq \%R \leq 110$.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

ANALYSIS SUMMARY

Analysis method: NAREL AM-EICHROM
Title: Actinides (Americium-241) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06402V	13234016		08/21/2013	0010240L	0017322C
B3.06403W	13234017		08/21/2013	0010240L	0017322C
B3.06404X	13234037		08/21/2013	0010240L	0017322C
B3.06405Y	13234039		08/21/2013	0010240L	0017322C
B3.06406Z	13234042		08/21/2013	0010240L	0017322C
B3.06395P *	13234027		08/21/2013	0010240L	0017322C
B3.06395P *	13234027	DUP	08/21/2013	0010240L	0017322C
LCS-00672362L *		LCS	08/21/2013	0010240L	0017322C
RBK-00672376T *		RBK	08/21/2013	0010240L	0017322C

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	2.022e-01 GASH
Client sample ID:	13234016	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	86.35 %	Analyst:	PMT
Ash/dry weight:	85.68 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS130	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	2.26e-02	5.8e-02	1.1e-01	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06403W	Amount analyzed:	2.002e-01 GASH
Client sample ID:	13234017	Preparation batch #:	0010240L
Matrix:	SEDIMENT	Assay batch #:	0017322C
Collected:	2013-06-12 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	42.20 %	Analyst:	PMT
Ash/dry weight:	85.25 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS131	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	2.09e-02	5.4e-02	9.8e-02	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	2.016e-01 GASH
Client sample ID:	13234037	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	87.05 %	Analyst:	PMT
Ash/dry weight:	96.07 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS132	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	3.18e-02	5.6e-02	6.9e-02	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	2.022e-01 GASH
Client sample ID:	13234039	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	84.75 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS133	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	3.50e-02	6.3e-02	9.9e-02	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06406Z	Amount analyzed:	2.009e-01 GASH
Client sample ID:	13234042	Preparation batch #:	0010240L
Matrix:	SEDIMENT	Assay batch #:	0017322C
Collected:	2013-06-13 17:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	63.77 %	Analyst:	PMT
Ash/dry weight:	90.91 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS135	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	7.20e-02	1.0e-01	1.4e-01	PCI/GDRY	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	1.526e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS117	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	3.22e-02	8.2e-02	1.5e-01	PCI/GDRY	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	1.526e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS118	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.27e-02	7.2e-02	1.5e-01	PCI/GDRY	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00672362L	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010240L
Matrix:	N/A	Assay batch #:	0017322C
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS136	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.73e+00	2.0e-01	2.3e-02	PCI	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00672376T	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010240L
Matrix:	N/A	Assay batch #:	0017322C
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS138	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.37e-02	1.7e-02	2.1e-02	PCI	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010240L
Analysis method: NAREL AM-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06402V	13234016	00672370L		68.66 %	5.55 %	PMT
B3.06403W	13234017	00672371M		75.94 %	5.93 %	PMT
B3.06404X	13234037	00672372N		65.10 %	5.35 %	PMT
B3.06405Y	13234039	00672373P		63.42 %	5.29 %	PMT
B3.06406Z	13234042	00672374Q		44.89 %	4.30 %	PMT
B3.06395P *	13234027	00672363M		71.15 %	5.74 %	PMT
B3.06395P *	13234027	00672375R	DUP	68.33 %	5.47 %	PMT
LCS-00672362L *		00672362L	LCS	67.08 %	5.43 %	PMT
RBK-00672376T *		00672376T	RBK	58.43 %	5.03 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010240L

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00672375R	DUP	AM241		86.8	-0.36	PASS
LCS-00672362L	00672362L	LCS	AM241	87.2		-2.48	WARN
RBK-00672376T	00672376T	RBK	AM241				PASS

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
TH ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300058

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Thorium) by Extraction Chromatography
Report ID:	1300058-TH
Report type:	Original
Date reported:	08/21/2013
Total pages in report:	32

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06382J	13234000	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06383K	13234001	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06384L	13234003	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06385M	13234005	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06386N	13234007	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06387P	13234002	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06388Q	13234004	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06389R	13234006	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06390J	13234019	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06391K	13234021	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06392L	13234022	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06393M	13234024	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06394N	13234026	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06395P	13234027	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06396Q	13234032	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06397R	13234008	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06398T	13234010	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06399U	13234011	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06400T	13234014	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06401U	13234015	OR:SALEM	SOIL	06/14/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels for samples B3.06397 through B3.06401. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – Sample B3.06395 DUP was loaded in a detector that was not turned on, so it was counted the next day in another detector.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 8-26-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White 8-26-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample, or blank spike
MS	Matrix spike
MSD	Matrix spike duplicate (not currently analyzed)
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. Generally the score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference. The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation of most analyses. An exception is the use of %R in the evaluation of gross alpha matrix spike results. A gross alpha matrix spike result is considered acceptable if either $|Z| \leq 3$ or $60 \leq \%R \leq 110$.

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ANALYSIS SUMMARY

Analysis method: NAREL TH-EICHROM
Title: Actinides (Thorium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06382J	13234000		08/15/2013	0010205H	0017301X
B3.06383K	13234001		08/15/2013	0010205H	0017301X
B3.06384L	13234003		08/15/2013	0010205H	0017301X
B3.06384L	13234003	DUP	08/15/2013	0010205H	0017301X
B3.06385M	13234005		08/15/2013	0010205H	0017301X
B3.06386N	13234007		08/15/2013	0010205H	0017301X
B3.06387P	13234002		08/15/2013	0010205H	0017301X
B3.06388Q	13234004		08/15/2013	0010205H	0017301X
B3.06389R	13234006		08/15/2013	0010205H	0017301X
B3.06390J	13234019		08/15/2013	0010205H	0017301X
B3.06391K	13234021		08/15/2013	0010205H	0017301X
B3.06392L	13234022		08/15/2013	0010205H	0017301X
B3.06393M	13234024		08/15/2013	0010205H	0017301X
B3.06394N	13234026		08/15/2013	0010205H	0017301X
B3.06395P	13234027		08/02/2013	0010167V	0017253G
B3.06395P	13234027	DUP	08/03/2013	0010167V	0017253G
B3.06396Q	13234032		08/02/2013	0010167V	0017253G
B3.06397R	13234008		08/02/2013	0010167V	0017253G
B3.06398T	13234010		08/02/2013	0010167V	0017253G
B3.06399U	13234011		08/02/2013	0010167V	0017253G
B3.06400T	13234014		08/02/2013	0010167V	0017253G
B3.06401U	13234015		08/02/2013	0010167V	0017253G
LCS-00671102M *		LCS	08/02/2013	0010167V	0017253G
RBK-00671101L *		RBK	08/02/2013	0010167V	0017253G
LCS-00671765Y *		LCS	08/15/2013	0010205H	0017301X
RBK-00671764X *		RBK	08/15/2013	0010205H	0017301X

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	2.527e-01 GASH
Client sample ID:	13234000	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	92.72 %	Analyst:	AS
Ash/dry weight:	94.54 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:37	1000.0	AS82	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.47e-02	6.6e-02	1.3e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	5.83e-01	1.8e-01	1.1e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th230	4.33e-01	1.5e-01	6.6e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	2.95e-01	1.2e-01	6.6e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06383K	Amount analyzed:	2.543e-01 GASH
Client sample ID:	13234001	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-10 16:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	90.84 %	Analyst:	AS
Ash/dry weight:	93.85 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS83	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	5.17e-02	9.2e-02	1.5e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	3.33e-01	1.3e-01	9.1e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	5.45e-01	1.7e-01	5.0e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	3.78e-01	1.4e-01	9.0e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.559e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS84	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.37e-02	6.1e-02	1.2e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	4.06e-01	1.4e-01	6.2e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	5.17e-01	1.6e-01	4.7e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	2.65e-01	1.1e-01	6.2e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.512e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS85	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.51e-02	6.7e-02	1.3e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	5.48e-01	1.7e-01	7.8e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	6.03e-01	1.8e-01	5.1e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	4.17e-01	1.5e-01	7.8e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06385M	Amount analyzed:	2.558e-01 GASH
Client sample ID:	13234005	Preparation batch #:	0010205H
Matrix:	SEDIMENT	Assay batch #:	0017301X
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	89.15 %	Analyst:	AS
Ash/dry weight:	97.35 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS86	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	3.84e-02	8.3e-02	1.3e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	5.75e-01	1.8e-01	1.1e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th230	4.82e-01	1.6e-01	5.2e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	3.41e-01	1.4e-01	7.9e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	2.532e-01 GASH
Client sample ID:	13234007	Preparation batch #:	0010205H
Matrix:	SEDIMENT	Assay batch #:	0017301X
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	68.03 %	Analyst:	AS
Ash/dry weight:	95.39 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:37	1000.0	AS123	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.38e-02	6.2e-02	1.2e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	3.14e-01	1.3e-01	1.1e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th230	3.93e-01	1.4e-01	7.1e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	3.35e-01	1.3e-01	7.8e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	2.509e-01 GASH
Client sample ID:	13234002	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	89.87 %	Analyst:	AS
Ash/dry weight:	90.34 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS88	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.98e-02	5.7e-02	8.6e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th228	2.79e-01	1.3e-01	1.3e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th230	4.62e-01	1.5e-01	5.9e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	3.72e-01	1.3e-01	7.5e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	2.524e-01 GASH
Client sample ID:	13234004	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	74.51 %	Analyst:	AS
Ash/dry weight:	95.71 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS97	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-1.44e-02	7.1e-02	1.8e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228 J	4.71e-01	1.6e-01	8.8e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	5.19e-01	1.6e-01	8.2e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	5.04e-01	1.6e-01	6.5e-02	PCI/GDRY	08/12/2013 14:30 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06389R	Amount analyzed:	2.516e-01 GASH
Client sample ID:	13234006	Preparation batch #:	0010205H
Matrix:	SEDIMENT	Assay batch #:	0017301X
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	76.24 %	Analyst:	AS
Ash/dry weight:	97.88 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS98	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-1.43e-02	7.0e-02	1.8e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	4.82e-01	1.6e-01	4.9e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	3.99e-01	1.4e-01	6.4e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	3.24e-01	1.3e-01	8.1e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06390J	Amount analyzed:	2.569e-01 GASH
Client sample ID:	13234019	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-12 10:25 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	88.27 %	Analyst:	AS
Ash/dry weight:	96.12 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS99	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-3.60e-02	5.6e-02	1.8e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	7.19e-01	2.0e-01	1.2e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th230	4.97e-01	1.6e-01	4.9e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	5.79e-01	1.7e-01	7.4e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06391K	Amount analyzed:	2.528e-01 GASH
Client sample ID:	13234021	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-12 11:30 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	88.60 %	Analyst:	AS
Ash/dry weight:	96.84 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS100	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	2.24e-02	8.3e-02	1.6e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	5.05e-01	1.6e-01	8.5e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	3.36e-01	1.3e-01	6.7e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	4.80e-01	1.6e-01	8.5e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06392L	Amount analyzed:	2.572e-01 GASH
Client sample ID:	13234022	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-11 11:02 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	78.37 %	Analyst:	AS
Ash/dry weight:	94.22 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:36	1000.0	AS101	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	2.83e-02	9.2e-02	1.8e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228 J	3.78e-01	1.4e-01	9.7e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	4.96e-01	1.6e-01	6.4e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	4.03e-01	1.4e-01	7.3e-02	PCI/GDRY	08/12/2013 14:30 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06393M	Amount analyzed:	2.530e-01 GASH
Client sample ID:	13234024	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-11 14:20 UTC	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	74.59 %	Analyst:	AS
Ash/dry weight:	91.52 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:37	1000.0	AS102	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	2.11e-02	6.1e-02	9.2e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th228	4.13e-01	1.4e-01	7.3e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	4.97e-01	1.6e-01	4.8e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	4.23e-01	1.5e-01	7.3e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06394N	Amount analyzed:	2.560e-01 GASH
Client sample ID:	13234026	Preparation batch #:	0010205H
Matrix:	SOIL	Assay batch #:	0017301X
Collected:	2013-06-11 15:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	92.94 %	Analyst:	AS
Ash/dry weight:	97.06 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:37	1000.0	AS103	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-1.43e-02	7.0e-02	1.8e-01	PCI/GDRY	08/12/2013 14:30 CDT
Th228	5.64e-01	1.7e-01	9.3e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th230	3.77e-01	1.4e-01	6.4e-02	PCI/GDRY	08/12/2013 14:30 CDT
Th232	4.40e-01	1.5e-01	7.4e-02	PCI/GDRY	08/12/2013 14:30 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.730e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:14	1000.0	AS35	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.61e-02	7.2e-02	1.4e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	3.65e-01	1.7e-01	1.8e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	7.04e-01	2.1e-01	5.7e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	4.99e-01	1.7e-01	8.6e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.781e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/02/2013 15:42	1000.0	AS121	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	5.51e-02	1.2e-01	2.0e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	2.63e-01	1.4e-01	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	5.97e-01	2.0e-01	8.2e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	4.01e-01	1.6e-01	6.2e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06396Q	Amount analyzed:	2.529e-01 GASH
Client sample ID:	13234032	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-11 12:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	76.23 %	Analyst:	PMT
Ash/dry weight:	96.97 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS40	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-3.17e-02	5.9e-02	1.9e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	3.67e-01	1.7e-01	1.9e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	4.22e-01	1.6e-01	5.6e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	4.68e-01	1.6e-01	7.3e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06397R	Amount analyzed:	2.501e-01 GASH
Client sample ID:	13234008	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-12 14:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	91.83 %	Analyst:	PMT
Ash/dry weight:	96.09 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS79	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.20e-01	1.2e-01	1.0e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	4.89e-01	1.8e-01	1.4e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	7.64e-01	2.2e-01	8.5e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	5.23e-01	1.8e-01	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06398T	Amount analyzed:	2.700e-01 GASH
Client sample ID:	13234010	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-12 15:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	90.74 %	Analyst:	PMT
Ash/dry weight:	96.45 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS82	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	5.95e-02	1.1e-01	1.7e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	5.27e-01	1.9e-01	1.5e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	7.47e-01	2.2e-01	9.0e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	6.49e-01	2.0e-01	9.0e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06399U	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234011	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-12 17:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	93.32 %	Analyst:	PMT
Ash/dry weight:	96.75 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS83	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.77e-02	7.9e-02	1.5e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	6.05e-01	2.1e-01	1.4e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	5.38e-01	1.9e-01	8.2e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	4.04e-01	1.6e-01	9.4e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06400T	Amount analyzed:	2.568e-01 GASH
Client sample ID:	13234014	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-12 19:14 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	97.38 %	Analyst:	PMT
Ash/dry weight:	93.78 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS84	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	7.88e-02	1.1e-01	1.1e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	5.99e-01	2.0e-01	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	3.53e-01	1.5e-01	6.1e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	5.41e-01	1.9e-01	9.3e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06401U	Amount analyzed:	2.644e-01 GASH
Client sample ID:	13234015	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-14 13:20 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	83.99 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS85	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.78e-01	1.6e-01	1.3e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	8.14e-01	2.4e-01	6.9e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th230	1.04e+00	2.8e-01	6.9e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	1.04e+00	2.8e-01	6.9e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671102M	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010167V
Matrix:	N/A	Assay batch #:	0017253G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS99	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-1.71e-03	1.1e-02	2.9e-02	PCI	07/31/2013 09:45 CDT
Th228	3.31e-02	2.2e-02	2.4e-02	PCI	07/31/2013 09:45 CDT
Th230	1.97e+00	1.8e-01	2.0e-02	PCI	07/31/2013 09:45 CDT
Th232	1.19e-02	1.4e-02	1.8e-02	PCI	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671101L	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010167V
Matrix:	N/A	Assay batch #:	0017253G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS100	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	0.00e+00	1.2e-02	2.4e-02	PCI	07/31/2013 09:45 CDT
Th228	9.85e-03	1.7e-02	2.8e-02	PCI	07/31/2013 09:45 CDT
Th230	3.15e-02	2.1e-02	1.7e-02	PCI	07/31/2013 09:45 CDT
Th232	9.84e-03	1.4e-02	1.9e-02	PCI	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671765Y	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010205H
Matrix:	N/A	Assay batch #:	0017301X
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:37	1000.0	AS104	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	7.61e-03	2.1e-02	3.7e-02	PCI	08/12/2013 14:30 CDT
Th228	1.89e-02	2.2e-02	3.4e-02	PCI	08/12/2013 14:30 CDT
Th230	1.92e+00	1.7e-01	1.3e-02	PCI	08/12/2013 14:30 CDT
Th232	4.97e-03	1.1e-02	1.7e-02	PCI	08/12/2013 14:30 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671764X	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010205H
Matrix:	N/A	Assay batch #:	0017301X
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/14/2013 16:37	1000.0	AS122	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	3.81e-03	1.7e-02	3.3e-02	PCI	08/12/2013 14:30 CDT
Th228	1.50e-02	1.6e-02	2.2e-02	PCI	08/12/2013 14:30 CDT
Th230	1.39e-02	1.5e-02	1.7e-02	PCI	08/12/2013 14:30 CDT
Th232	-1.99e-03	6.9e-03	2.0e-02	PCI	08/12/2013 14:30 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010167V
Analysis method: NAREL TH-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06395P	13234027	00669756B		73.63 %	3.66 %	PMT
B3.06395P	13234027	00671100K	DUP	65.73 %	3.36 %	PMT
B3.06396Q	13234032	00669761Y		81.36 %	3.96 %	PMT
B3.06397R	13234008	00669766D		69.50 %	3.48 %	PMT
B3.06398T	13234010	00669771A		74.67 %	3.69 %	PMT
B3.06399U	13234011	00669776F		75.03 %	3.73 %	PMT
B3.06400T	13234014	00669781C		74.39 %	3.66 %	PMT
B3.06401U	13234015	00669786H		61.28 %	3.21 %	PMT
LCS-00671102M *		00671102M	LCS	102.89 %	4.72 %	PMT
RBK-00671101L *		00671101L	RBK	96.99 %	4.49 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010167V

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00671100K	DUP	TH227		109.4	0.57	PASS
B3.06395P	00671100K	DUP	TH228		32.5	-0.94	PASS
B3.06395P	00671100K	DUP	TH230		16.4	-0.75	PASS
B3.06395P	00671100K	DUP	TH232		21.9	-0.84	PASS
LCS-00671102M	00671102M	LCS	TH230	97.3		-0.58	PASS
RBK-00671101L	00671101L	RBK	TH227				PASS
RBK-00671101L	00671101L	RBK	TH228				PASS
RBK-00671101L	00671101L	RBK	TH230				PASS
RBK-00671101L	00671101L	RBK	TH232				PASS

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010205H
Analysis method: NAREL TH-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06382J	13234000	00669687F		93.43 %	2.39 %	AS
B3.06383K	13234001	00669693D		91.24 %	2.35 %	AS
B3.06384L	13234003	00669698J		98.90 %	2.53 %	AS
B3.06384L	13234003	00671766Z	DUP	93.89 %	2.40 %	AS
B3.06385M	13234005	00669703M		94.04 %	2.41 %	AS
B3.06386N	13234007	00669708T		96.41 %	2.48 %	AS
B3.06387P	13234002	00669713P		98.32 %	2.49 %	AS
B3.06388Q	13234004	00669718V		95.18 %	2.42 %	AS
B3.06389R	13234006	00669723R		97.78 %	2.51 %	AS
B3.06390J	13234019	00669728X		94.13 %	2.40 %	AS
B3.06391K	13234021	00669734V		93.56 %	2.39 %	AS
B3.06392L	13234022	00669741U		94.74 %	2.43 %	AS
B3.06393M	13234024	00669746Z		95.51 %	2.43 %	AS
B3.06394N	13234026	00669751W		96.70 %	2.46 %	AS
LCS-00671765Y *		00671765Y	LCS	94.49 %	2.42 %	AS
RBK-00671764X *		00671764X	RBK	92.39 %	2.39 %	AS

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010205H

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06384L	00671766Z	DUP	TH227		9.3	0.03	PASS
B3.06384L	00671766Z	DUP	TH228		29.8	1.28	PASS
B3.06384L	00671766Z	DUP	TH230		15.3	0.72	PASS
B3.06384L	00671766Z	DUP	TH232		44.5	1.62	PASS
LCS-00671765Y	00671765Y	LCS	TH230	95.0		-1.16	PASS
RBK-00671764X	00671764X	RBK	TH227				PASS
RBK-00671764X	00671764X	RBK	TH228				PASS
RBK-00671764X	00671764X	RBK	TH230				PASS
RBK-00671764X	00671764X	RBK	TH232				PASS

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: September 17, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 17 soil and 3 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Uranium (EPA National Analytical Radiation Environmental Laboratory Method U-EICHROM) analyses were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234000	12324001	13234002	13234003	13234004
13234005	13234006	13234007	13234008	13234010
13234011	13234014	13234015	13234019	13234021
13234022	13234024	13234026	13234027	13234032

No discrepancies were noted. Sample results qualified "J" by the laboratory to indicate a result that may be significantly under or overestimated were tagged with the bias qualifier "K" by the secondary reviewer to indicate that the estimated results have an unknown bias.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

September 16, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached is a data package for isotopic uranium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300058.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
U ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300058

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Uranium) by Extraction Chromatography
Report ID:	1300058-U
Report type:	Original
Date reported:	09/12/2013
Total pages in report:	36

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06382J	13234000	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06383K	13234001	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06384L	13234003	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06385M	13234005	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06386N	13234007	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06387P	13234002	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06388Q	13234004	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06389R	13234006	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06390J	13234019	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06391K	13234021	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06392L	13234022	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06393M	13234024	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06394N	13234026	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06395P	13234027	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06396Q	13234032	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06397R	13234008	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06398T	13234010	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06399U	13234011	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06400T	13234014	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06401U	13234015	OR:SALEM	SOIL	06/14/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels for samples B3.06397 through B3.06401. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – NAREL samples B3.06385, B3.06386, and B3.06389 had low yield recovery. These samples were reanalyzed. The results of the reanalyses are reported in this data package.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 9-16-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White 9-16-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample, or blank spike
MS	Matrix spike
MSD	Matrix spike duplicate (not currently analyzed)
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. Generally the score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference. The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation of most analyses. An exception is the use of %R in the evaluation of gross alpha matrix spike results. A gross alpha matrix spike result is considered acceptable if either $|Z| \leq 3$ or $60 \leq \%R \leq 110$.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

ANALYSIS SUMMARY

Analysis method: NAREL U-EICHROM
Title: Actinides (Uranium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06382J	13234000		08/14/2013	0010206J	0017299X
B3.06383K	13234001		08/14/2013	0010206J	0017299X
B3.06384L	13234003		08/14/2013	0010206J	0017299X
B3.06384L	13234003	DUP	08/14/2013	0010206J	0017299X
B3.06385M	13234005		09/12/2013	0010325Q	0017389Y
B3.06386N	13234007		09/12/2013	0010325Q	0017389Y
B3.06386N	13234007	DUP	09/12/2013	0010325Q	0017389Y
B3.06387P	13234002		08/14/2013	0010206J	0017299X
B3.06388Q	13234004		08/14/2013	0010206J	0017299X
B3.06389R	13234006		09/12/2013	0010325Q	0017389Y
B3.06390J	13234019		08/14/2013	0010206J	0017299X
B3.06391K	13234021		08/14/2013	0010206J	0017299X
B3.06392L	13234022		08/14/2013	0010206J	0017299X
B3.06393M	13234024		08/14/2013	0010206J	0017299X
B3.06394N	13234026		08/14/2013	0010206J	0017299X
B3.06395P	13234027		08/02/2013	0010170P	0017254H
B3.06395P	13234027	DUP	08/02/2013	0010170P	0017254H
B3.06396Q	13234032		08/02/2013	0010170P	0017254H
B3.06397R	13234008		08/02/2013	0010170P	0017254H
B3.06398T	13234010		08/02/2013	0010170P	0017254H
B3.06399U	13234011		08/02/2013	0010170P	0017254H
B3.06400T	13234014		08/02/2013	0010170P	0017254H
B3.06401U	13234015		08/02/2013	0010170P	0017254H
LCS-00671111N *		LCS	08/02/2013	0010170P	0017254H
RBK-00671110M *		RBK	08/02/2013	0010170P	0017254H
LCS-00671768B *		LCS	08/14/2013	0010206J	0017299X
RBK-00671767A *		RBK	08/14/2013	0010206J	0017299X
LCS-00674022B *		LCS	09/12/2013	0010325Q	0017389Y
RBK-00674021A *		RBK	09/12/2013	0010325Q	0017389Y

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	2.527e-01 GASH
Client sample ID:	13234000	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	92.72 %	Analyst:	AS
Ash/dry weight:	94.54 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS35	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	7.82e-01	2.8e-01	1.7e-01	PCI/GDRY	08/13/2013 16:14 CDT
U235	1.43e-01	1.3e-01	1.0e-01	PCI/GDRY	08/13/2013 16:14 CDT
U238 J K	8.02e-01	2.8e-01	1.3e-01	PCI/GDRY	08/13/2013 16:14 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06383K	Amount analyzed:	2.543e-01 GASH
Client sample ID:	13234001	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-10 16:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	90.84 %	Analyst:	AS
Ash/dry weight:	93.85 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:13	1000.0	AS37	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.58e-01	2.3e-01	9.0e-02	PCI/GDRY	08/13/2013 16:13 CDT
U235	1.73e-01	1.4e-01	1.1e-01	PCI/GDRY	08/13/2013 16:13 CDT
U238	5.52e-01	2.3e-01	1.2e-01	PCI/GDRY	08/13/2013 16:13 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.559e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:13	1000.0	AS38	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234 J K	6.88e-01	2.6e-01	1.8e-01	PCI/GDRY	08/13/2013 16:13 CDT
U235	2.02e-01	1.6e-01	1.6e-01	PCI/GDRY	08/13/2013 16:13 CDT
U238	5.67e-01	2.3e-01	8.8e-02	PCI/GDRY	08/13/2013 16:13 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.512e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS40	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.29e-01	1.9e-01	1.3e-01	PCI/GDRY	08/13/2013 16:14 CDT
U235	1.07e-01	1.1e-01	1.3e-01	PCI/GDRY	08/13/2013 16:14 CDT
U238	5.96e-01	2.2e-01	9.6e-02	PCI/GDRY	08/13/2013 16:14 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06385M	Amount analyzed:	2.528e-01 GASH
Client sample ID:	13234005	Preparation batch #:	0010325Q
Matrix:	SEDIMENT	Assay batch #:	0017389Y
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	89.15 %	Analyst:	AS
Ash/dry weight:	97.35 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/11/2013 16:04	1000.0	AS98	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.97e-01	1.8e-01	8.8e-02	PCI/GDRY	09/11/2013 16:04 CDT
U235	5.31e-02	7.4e-02	1.0e-01	PCI/GDRY	09/11/2013 16:04 CDT
U238	5.28e-01	1.8e-01	7.6e-02	PCI/GDRY	09/11/2013 16:04 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	2.520e-01 GASH
Client sample ID:	13234007	Preparation batch #:	0010325Q
Matrix:	SEDIMENT	Assay batch #:	0017389Y
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	68.03 %	Analyst:	AS
Ash/dry weight:	95.39 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/11/2013 16:04	1000.0	AS99	CEB

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	J K	4.91e-01	1.7e-01	6.9e-02	PCI/GDRY	09/11/2013 16:04 CDT
U235		5.78e-02	6.6e-02	6.3e-02	PCI/GDRY	09/11/2013 16:04 CDT
U238		3.70e-01	1.4e-01	6.9e-02	PCI/GDRY	09/11/2013 16:04 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	2.522e-01 GASH
Client sample ID:	13234007	Preparation batch #:	0010325Q
Matrix:	SEDIMENT	Assay batch #:	0017389Y
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	68.03 %	Analyst:	AS
Ash/dry weight:	95.39 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/11/2013 16:04	1000.0	AS100	CEB

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	J K	5.20e-01	1.9e-01	8.2e-02	PCI/GDRY	09/11/2013 16:04 CDT
U235		1.30e-01	1.1e-01	9.8e-02	PCI/GDRY	09/11/2013 16:04 CDT
U238		5.06e-01	1.8e-01	8.2e-02	PCI/GDRY	09/11/2013 16:04 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	2.509e-01 GASH
Client sample ID:	13234002	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	89.87 %	Analyst:	AS
Ash/dry weight:	90.34 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS69	CEB

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	J K	7.00e-01	2.5e-01	1.0e-01	PCI/GDRY	08/13/2013 16:14 CDT
U235		9.39e-02	1.1e-01	1.4e-01	PCI/GDRY	08/13/2013 16:14 CDT
U238		5.25e-01	2.1e-01	7.9e-02	PCI/GDRY	08/13/2013 16:14 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	2.524e-01 GASH
Client sample ID:	13234004	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	74.51 %	Analyst:	AS
Ash/dry weight:	95.71 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS70	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.30e-01	1.9e-01	1.0e-01	PCI/GDRY	08/13/2013 16:14 CDT
U235	6.52e-02	8.9e-02	9.4e-02	PCI/GDRY	08/13/2013 16:14 CDT
U238	5.32e-01	2.1e-01	1.2e-01	PCI/GDRY	08/13/2013 16:14 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06389R	Amount analyzed:	2.508e-01 GASH
Client sample ID:	13234006	Preparation batch #:	0010325Q
Matrix:	SEDIMENT	Assay batch #:	0017389Y
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	76.24 %	Analyst:	AS
Ash/dry weight:	97.88 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/11/2013 16:04	1000.0	AS101	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	3.30e-01	1.5e-01	1.0e-01	PCI/GDRY	09/11/2013 16:04 CDT
U235	1.20e-01	1.0e-01	7.5e-02	PCI/GDRY	09/11/2013 16:04 CDT
U238	3.63e-01	1.6e-01	9.4e-02	PCI/GDRY	09/11/2013 16:04 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06390J	Amount analyzed:	2.569e-01 GASH
Client sample ID:	13234019	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-12 10:25 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	88.27 %	Analyst:	AS
Ash/dry weight:	96.12 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS73	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.98e-01	2.0e-01	1.8e-01	PCI/GDRY	08/13/2013 16:14 CDT
U235	7.67e-02	9.9e-02	1.5e-01	PCI/GDRY	08/13/2013 16:14 CDT
U238 J K	5.99e-01	2.0e-01	1.3e-01	PCI/GDRY	08/13/2013 16:14 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06391K	Amount analyzed:	2.528e-01 GASH
Client sample ID:	13234021	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-12 11:30 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	88.60 %	Analyst:	AS
Ash/dry weight:	96.84 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS74	CEB

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	J	6.00e-01	2.1e-01	6.7e-02	PCI/GDRY	08/13/2013 16:14 CDT
U235		1.29e-01	1.1e-01	8.0e-02	PCI/GDRY	08/13/2013 16:14 CDT
U238		6.10e-01	2.1e-01	1.2e-01	PCI/GDRY	08/13/2013 16:14 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06392L	Amount analyzed:	2.572e-01 GASH
Client sample ID:	13234022	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-11 11:02 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	78.37 %	Analyst:	AS
Ash/dry weight:	94.22 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS76	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	6.32e-01	2.2e-01	1.1e-01	PCI/GDRY	08/13/2013 16:14 CDT
U235	9.62e-02	1.1e-01	1.4e-01	PCI/GDRY	08/13/2013 16:14 CDT
U238	4.61e-01	1.9e-01	9.2e-02	PCI/GDRY	08/13/2013 16:14 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06393M	Amount analyzed:	2.530e-01 GASH
Client sample ID:	13234024	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-11 14:20 UTC	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	74.59 %	Analyst:	AS
Ash/dry weight:	91.52 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:13	1000.0	AS79	CEB

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234		3.77e-01	1.6e-01	9.7e-02	PCI/GDRY	08/13/2013 16:13 CDT
U235		7.52e-02	8.1e-02	9.3e-02	PCI/GDRY	08/13/2013 16:13 CDT
U238	J K	4.80e-01	1.7e-01	7.7e-02	PCI/GDRY	08/13/2013 16:13 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06394N	Amount analyzed:	2.560e-01 GASH
Client sample ID:	13234026	Preparation batch #:	0010206J
Matrix:	SOIL	Assay batch #:	0017299X
Collected:	2013-06-11 15:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	92.94 %	Analyst:	AS
Ash/dry weight:	97.06 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS82	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.16e-01	2.2e-01	1.2e-01	PCI/GDRY	08/13/2013 16:14 CDT
U235	4.02e-02	8.7e-02	1.4e-01	PCI/GDRY	08/13/2013 16:14 CDT
U238	7.85e-01	2.7e-01	8.7e-02	PCI/GDRY	08/13/2013 16:14 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.730e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS101	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.60e-01	1.5e-01	6.3e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	2.20e-02	4.8e-02	7.6e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	4.97e-01	1.6e-01	4.8e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.781e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS102	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.36e-01	1.7e-01	7.3e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	2.21e-02	4.8e-02	7.6e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	4.99e-01	1.6e-01	8.0e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06396Q	Amount analyzed:	2.529e-01 GASH
Client sample ID:	13234032	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-11 12:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	76.23 %	Analyst:	PMT
Ash/dry weight:	96.97 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS103	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.95e-01	1.9e-01	7.9e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	4.33e-02	5.9e-02	6.3e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	4.86e-01	1.7e-01	7.9e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06397R	Amount analyzed:	2.501e-01 GASH
Client sample ID:	13234008	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-12 14:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	91.83 %	Analyst:	PMT
Ash/dry weight:	96.09 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS104	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	7.77e-01	2.3e-01	6.0e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	7.75e-02	8.4e-02	9.5e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	8.28e-01	2.4e-01	8.0e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06398T	Amount analyzed:	2.700e-01 GASH
Client sample ID:	13234010	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-12 15:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	90.74 %	Analyst:	PMT
Ash/dry weight:	96.45 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS105	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.20e-01	1.7e-01	8.8e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	5.79e-02	6.6e-02	6.3e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	6.69e-01	2.0e-01	8.0e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06399U	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234011	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-12 17:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	93.32 %	Analyst:	PMT
Ash/dry weight:	96.75 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS106	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	6.55e-01	2.0e-01	7.0e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	3.90e-02	6.0e-02	8.4e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	5.49e-01	1.8e-01	8.8e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06400T	Amount analyzed:	2.568e-01 GASH
Client sample ID:	13234014	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-12 19:14 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	97.38 %	Analyst:	PMT
Ash/dry weight:	93.78 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS107	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.91e-01	1.6e-01	4.7e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	1.31e-02	4.9e-02	9.5e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	5.27e-01	1.7e-01	7.2e-02	PCI/GDRY	08/01/2013 17:17 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06401U	Amount analyzed:	2.644e-01 GASH
Client sample ID:	13234015	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-14 13:20 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	83.99 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS109	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	8.66e-01	2.2e-01	4.8e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	6.13e-02	6.6e-02	7.5e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	7.67e-01	2.1e-01	4.8e-02	PCI/GDRY	08/01/2013 17:17 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671111N	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010170P
Matrix:	N/A	Assay batch #:	0017254H
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS117	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	2.12e+00	2.2e-01	1.4e-02	PCI	08/01/2013 17:17 CDT
U235	1.12e-01	4.1e-02	2.0e-02	PCI	08/01/2013 17:17 CDT
U238	2.15e+00	2.2e-01	1.4e-02	PCI	08/01/2013 17:17 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671110M	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010170P
Matrix:	N/A	Assay batch #:	0017254H
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS118	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	3.67e-02	2.1e-02	1.5e-02	PCI	08/01/2013 17:17 CDT
U235	4.29e-03	1.2e-02	2.1e-02	PCI	08/01/2013 17:17 CDT
U238	2.33e-02	1.8e-02	2.1e-02	PCI	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671768B	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010206J
Matrix:	N/A	Assay batch #:	0017299X
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS83	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	2.03e+00	2.5e-01	1.7e-02	PCI	08/13/2013 16:14 CDT
U235	1.63e-01	6.1e-02	2.7e-02	PCI	08/13/2013 16:14 CDT
U238	2.19e+00	2.7e-01	2.6e-02	PCI	08/13/2013 16:14 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671767A	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010206J
Matrix:	N/A	Assay batch #:	0017299X
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/13/2013 16:14	1000.0	AS84	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.99e-02	3.0e-02	1.8e-02	PCI	08/13/2013 16:14 CDT
U235	2.49e-02	2.5e-02	2.2e-02	PCI	08/13/2013 16:14 CDT
U238	3.74e-02	2.8e-02	3.0e-02	PCI	08/13/2013 16:14 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00674022B	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010325Q
Matrix:	N/A	Assay batch #:	0017389Y
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/11/2013 16:04	1000.0	AS102	CEB

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	J	1.98e+00	2.4e-01	1.6e-02	PCI	09/11/2013 16:04 CDT
U235	J	1.42e-01	5.6e-02	2.6e-02	PCI	09/11/2013 16:04 CDT
U238		2.12e+00	2.6e-01	2.1e-02	PCI	09/11/2013 16:04 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00674021A	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010325Q
Matrix:	N/A	Assay batch #:	0017389Y
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
09/11/2013 16:04	1000.0	AS104	CEB

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	J	5.29e-02	2.9e-02	2.1e-02	PCI	09/11/2013 16:04 CDT
U235		1.15e-02	1.8e-02	2.5e-02	PCI	09/11/2013 16:04 CDT
U238		1.32e-02	1.7e-02	2.1e-02	PCI	09/11/2013 16:04 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010170P
Analysis method: NAREL U-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06395P	13234027	00669755A		88.20 %	7.85 %	PMT
B3.06395P	13234027	00671109V	DUP	87.54 %	7.84 %	PMT
B3.06396Q	13234032	00669760X		90.72 %	8.00 %	PMT
B3.06397R	13234008	00669765C		78.07 %	7.15 %	PMT
B3.06398T	13234010	00669770Z		75.43 %	6.63 %	PMT
B3.06399U	13234011	00669775E		81.28 %	7.08 %	PMT
B3.06400T	13234014	00669780B		83.80 %	7.12 %	PMT
B3.06401U	13234015	00669785G		78.91 %	6.89 %	PMT
LCS-00671111N *		00671111N	LCS	90.47 %	7.35 %	PMT
RBK-00671110M *		00671110M	RBK	79.74 %	6.60 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010170P

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00671109V	DUP	U234		15.3	0.67	PASS
B3.06395P	00671109V	DUP	U235		0.5	0.00	PASS
B3.06395P	00671109V	DUP	U238		0.5	0.02	PASS
LCS-00671111N	00671111N	LCS	U234	108.2		1.43	PASS
LCS-00671111N	00671111N	LCS	U235	118.9		0.87	PASS
LCS-00671111N	00671111N	LCS	U238	105.3		0.95	PASS
RBK-00671110M	00671110M	RBK	U234				PASS
RBK-00671110M	00671110M	RBK	U235				PASS
RBK-00671110M	00671110M	RBK	U238				PASS

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SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010206J
Analysis method: NAREL U-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06382J	13234000	00669686E		53.09 %	5.48 %	AS
B3.06383K	13234001	00669692C		50.73 %	5.31 %	AS
B3.06384L	13234003	00669697H		52.35 %	5.47 %	AS
B3.06384L	13234003	00671769C	DUP	61.05 %	5.94 %	AS
B3.06387P	13234002	00669712N		51.89 %	5.16 %	AS
B3.06388Q	13234004	00669717U		56.62 %	5.54 %	AS
B3.06390J	13234019	00669727W		63.79 %	5.84 %	AS
B3.06391K	13234021	00669733U		57.40 %	5.39 %	AS
B3.06392L	13234022	00669740T		58.57 %	5.59 %	AS
B3.06393M	13234024	00669745Y		62.47 %	5.74 %	AS
B3.06394N	13234026	00669750V		54.05 %	5.57 %	AS
LCS-00671768B *		00671768B	LCS	72.84 %	6.83 %	AS
RBK-00671767A *		00671767A	RBK	69.14 %	6.59 %	AS

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010206J

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06384L	00671769C	DUP	U234		46.4	-1.60	PASS-J
B3.06384L	00671769C	DUP	U235		61.7	-0.98	PASS
B3.06384L	00671769C	DUP	U238		5.0	0.19	PASS
LCS-00671768B	00671768B	LCS	U234	103.4		0.52	PASS
LCS-00671768B	00671768B	LCS	U235	173.8		2.25	WARN
LCS-00671768B	00671768B	LCS	U238	107.4		1.11	PASS
RBK-00671767A	00671767A	RBK	U234				PASS
RBK-00671767A	00671767A	RBK	U235				PASS
RBK-00671767A	00671767A	RBK	U238				PASS

Note: Results qualified with -J may be significantly under or over-estimated and are not evaluated for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010325Q
Analysis method: NAREL U-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06385M	13234005	00674018F		81.35 %	7.36 %	AS
B3.06386N	13234007	00674019G		88.98 %	7.87 %	AS
B3.06386N	13234007	00674023C	DUP	76.33 %	7.06 %	AS
B3.06389R	13234006	00674020Z		77.95 %	7.18 %	AS
LCS-00674022B *		00674022B	LCS	77.78 %	7.20 %	AS
RBK-00674021A *		00674021A	RBK	78.10 %	7.15 %	AS

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010325Q

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06386N	00674023C	DUP	U234		5.8	0.23	PASS-J
B3.06386N	00674023C	DUP	U235		77.0	1.16	PASS
B3.06386N	00674023C	DUP	U238		31.0	1.17	PASS
LCS-00674022B	00674022B	LCS	U234	101.1		0.17	PASS
LCS-00674022B	00674022B	LCS	U235	151.3		1.73	PASS
LCS-00674022B	00674022B	LCS	U238	104.1		0.64	PASS
RBK-00674021A	00674021A	RBK	U234				PASS-J
RBK-00674021A	00674021A	RBK	U235				PASS
RBK-00674021A	00674021A	RBK	U238				PASS

Note: Results qualified with -J may be significantly under or over-estimated and are not evaluated for QC purposes.

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: September 12, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 17 soil and 3 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Americium-241 analyses (EPA National Analytical Radiation Environmental Laboratory Method AM-EICHROM) were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234000	13234001	13234002	13234003	13234004	13234005
13234006	13234007	13234008	13234010	13234011	13234014
13234015	13234019	13234021	13234022	13234024	13234026
13234027	13234032				

No discrepancies were noted. Sample results qualified "J" by the laboratory to indicate a result that may be significantly under or overestimated were tagged with the bias qualifier "K" by the secondary reviewer to indicate that the estimated results have an unknown bias.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

September 9, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached is a data package for isotopic americium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300058.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
AM ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300058

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Americium-241) by Extraction Chromatography
Report ID:	1300058-AM
Report type:	Original
Date reported:	09/04/2013
Total pages in report:	35

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06382J	13234000	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06383K	13234001	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06384L	13234003	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06385M	13234005	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06386N	13234007	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06387P	13234002	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06388Q	13234004	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06389R	13234006	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06390J	13234019	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06391K	13234021	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06392L	13234022	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06393M	13234024	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06394N	13234026	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06395P	13234027	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06396Q	13234032	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06397R	13234008	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06398T	13234010	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06399U	13234011	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06400T	13234014	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06401U	13234015	OR:SALEM	SOIL	06/14/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels for samples B3.06397 through B3.06401. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – Samples in preparation batch 0010240L had to be reanalyzed as a result of a QC LCS failure. The results of the reanalyses are reported in this data package.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits. Samples B3.06384 DUP and B3.06394 had yields that were just below the lower acceptance limit. The QA manager approved the yields.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 9-5-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White 9-9-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample, or blank spike
MS	Matrix spike
MSD	Matrix spike duplicate (not currently analyzed)
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. Generally the score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference. The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation of most analyses. An exception is the use of %R in the evaluation of gross alpha matrix spike results. A gross alpha matrix spike result is considered acceptable if either $|Z| \leq 3$ or $60 \leq \%R \leq 110$.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

ANALYSIS SUMMARY

Analysis method: NAREL AM-EICHROM
Title: Actinides (Americium-241) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06382J	13234000		08/29/2013	0010264V	0017344J
B3.06383K	13234001		08/29/2013	0010264V	0017344J
B3.06384L	13234003		08/29/2013	0010264V	0017344J
B3.06384L	13234003	DUP	08/29/2013	0010264V	0017344J
B3.06385M	13234005		08/29/2013	0010264V	0017344J
B3.06386N	13234007		08/29/2013	0010264V	0017344J
B3.06387P	13234002		08/29/2013	0010264V	0017344J
B3.06388Q	13234004		08/29/2013	0010264V	0017344J
B3.06389R	13234006		08/29/2013	0010264V	0017344J
B3.06390J	13234019		08/29/2013	0010264V	0017344J
B3.06391K	13234021		08/29/2013	0010264V	0017344J
B3.06392L	13234022		08/29/2013	0010264V	0017344J
B3.06393M	13234024		08/29/2013	0010264V	0017344J
B3.06394N	13234026		08/29/2013	0010264V	0017344J
B3.06395P	13234027	DUP	08/03/2013	0010168W	0017260F
B3.06395P	13234027		08/21/2013	0010240L	0017322C
B3.06395P	13234027	DUP	08/21/2013	0010240L	0017322C
B3.06396Q	13234032		08/21/2013	0010240L	0017322C
B3.06397R	13234008		08/21/2013	0010240L	0017322C
B3.06398T	13234010		08/21/2013	0010240L	0017322C
B3.06399U	13234011		08/21/2013	0010240L	0017322C
B3.06400T	13234014		08/21/2013	0010240L	0017322C
B3.06401U	13234015		08/21/2013	0010240L	0017322C
LCS-00671105Q *		LCS	08/03/2013	0010168W	0017260F
RBK-00671104P *		RBK	08/03/2013	0010168W	0017260F
LCS-00672362L *		LCS	08/21/2013	0010240L	0017322C
RBK-00672376T *		RBK	08/21/2013	0010240L	0017322C
LCS-00672858G *		LCS	08/29/2013	0010264V	0017344J
RBK-00672857F *		RBK	08/29/2013	0010264V	0017344J

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	2.589e-01 GASH
Client sample ID:	13234000	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	92.72 %	Analyst:	AS
Ash/dry weight:	94.54 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS82	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	9.16e-02	1.1e-01	1.5e-01	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06383K	Amount analyzed:	2.515e-01 GASH
Client sample ID:	13234001	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-10 16:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	90.84 %	Analyst:	AS
Ash/dry weight:	93.85 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS84	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	6.11e-02	8.3e-02	8.8e-02	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.538e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:04	1000.0	AS86	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	2.48e-02	8.0e-02	1.5e-01	PCI/GDRY	08/28/2013 16:04 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.533e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS103	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241 J K	3.61e-02	1.2e-01	2.3e-01	PCI/GDRY	08/28/2013 16:03 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06385M	Amount analyzed:	2.503e-01 GASH
Client sample ID:	13234005	Preparation batch #:	0010264V
Matrix:	SEDIMENT	Assay batch #:	0017344J
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	89.15 %	Analyst:	AS
Ash/dry weight:	97.35 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS104	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	-2.81e-02	7.2e-02	1.9e-01	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234007	Preparation batch #:	0010264V
Matrix:	SEDIMENT	Assay batch #:	0017344J
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	68.03 %	Analyst:	AS
Ash/dry weight:	95.39 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS109	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	4.21e-02	6.5e-02	9.1e-02	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	2.570e-01 GASH
Client sample ID:	13234002	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	89.87 %	Analyst:	AS
Ash/dry weight:	90.34 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS110	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	0.00e+00	6.3e-02	1.5e-01	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	2.567e-01 GASH
Client sample ID:	13234004	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	74.51 %	Analyst:	AS
Ash/dry weight:	95.71 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS112	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	5.20e-02	8.1e-02	1.3e-01	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06389R	Amount analyzed:	2.525e-01 GASH
Client sample ID:	13234006	Preparation batch #:	0010264V
Matrix:	SEDIMENT	Assay batch #:	0017344J
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	76.24 %	Analyst:	AS
Ash/dry weight:	97.88 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS114	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.12e-02	6.3e-02	1.3e-01	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06390J	Amount analyzed:	2.510e-01 GASH
Client sample ID:	13234019	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-12 10:25 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	88.27 %	Analyst:	AS
Ash/dry weight:	96.12 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS115	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.14e-02	6.4e-02	1.3e-01	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06391K	Amount analyzed:	2.571e-01 GASH
Client sample ID:	13234021	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-12 11:30 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	88.60 %	Analyst:	AS
Ash/dry weight:	96.84 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS117	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	6.42e-03	7.4e-02	1.6e-01	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06392L	Amount analyzed:	2.524e-01 GASH
Client sample ID:	13234022	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-11 11:02 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	78.37 %	Analyst:	AS
Ash/dry weight:	94.22 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS118	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	6.37e-02	6.9e-02	7.8e-02	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06393M	Amount analyzed:	2.501e-01 GASH
Client sample ID:	13234024	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-11 14:20 UTC	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	74.59 %	Analyst:	AS
Ash/dry weight:	91.52 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS119	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	9.18e-03	4.1e-02	7.9e-02	PCI/GDRY	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06394N	Amount analyzed:	2.572e-01 GASH
Client sample ID:	13234026	Preparation batch #:	0010264V
Matrix:	SOIL	Assay batch #:	0017344J
Collected:	2013-06-11 15:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	92.94 %	Analyst:	AS
Ash/dry weight:	97.06 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS123	RCL

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	J K	6.24e-02	1.3e-01	2.2e-01	PCI/GDRY	08/28/2013 16:03 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.781e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010168W
Matrix:	SOIL	Assay batch #:	0017260F
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/02/2013 15:23	1000.0	AS115	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.73e-02	5.0e-02	7.5e-02	PCI/GDRY	08/02/2013 15:23 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	1.526e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS117	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	3.22e-02	8.2e-02	1.5e-01	PCI/GDRY	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	1.526e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS118	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.27e-02	7.2e-02	1.5e-01	PCI/GDRY	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06396Q	Amount analyzed:	2.015e-01 GASH
Client sample ID:	13234032	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-11 12:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	76.23 %	Analyst:	PMT
Ash/dry weight:	96.97 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS119	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	7.97e-02	1.0e-01	1.4e-01	PCI/GDRY	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06397R	Amount analyzed:	2.014e-01 GASH
Client sample ID:	13234008	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-12 14:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	91.83 %	Analyst:	PMT
Ash/dry weight:	96.09 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS122	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.18e-02	6.7e-02	1.4e-01	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06398T	Amount analyzed:	2.020e-01 GASH
Client sample ID:	13234010	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-12 15:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	90.74 %	Analyst:	PMT
Ash/dry weight:	96.45 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS123	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	7.32e-02	9.4e-02	1.4e-01	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06399U	Amount analyzed:	2.041e-01 GASH
Client sample ID:	13234011	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-12 17:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	93.32 %	Analyst:	PMT
Ash/dry weight:	96.75 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS125	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	5.25e-02	8.1e-02	1.1e-01	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06400T	Amount analyzed:	2.060e-01 GASH
Client sample ID:	13234014	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-12 19:14 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	97.38 %	Analyst:	PMT
Ash/dry weight:	93.78 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS127	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.99e-02	7.4e-02	1.4e-01	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06401U	Amount analyzed:	2.022e-01 GASH
Client sample ID:	13234015	Preparation batch #:	0010240L
Matrix:	SOIL	Assay batch #:	0017322C
Collected:	2013-06-14 13:20 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	83.99 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:33	1000.0	AS129	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	5.01e-02	6.3e-02	7.9e-02	PCI/GDRY	08/20/2013 16:33 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671105Q	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010168W
Matrix:	N/A	Assay batch #:	0017260F
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/02/2013 15:23	1000.0	AS136	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.78e+00	2.1e-01	3.3e-02	PCI	08/02/2013 15:23 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671104P	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010168W
Matrix:	N/A	Assay batch #:	0017260F
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/02/2013 15:23	1000.0	AS138	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	3.42e-03	1.3e-02	2.5e-02	PCI	08/02/2013 15:23 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00672362L	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010240L
Matrix:	N/A	Assay batch #:	0017322C
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS136	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.73e+00	2.0e-01	2.3e-02	PCI	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00672376T	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010240L
Matrix:	N/A	Assay batch #:	0017322C
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/20/2013 16:34	1000.0	AS138	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.37e-02	1.7e-02	2.1e-02	PCI	08/20/2013 16:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00672858G	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010264V
Matrix:	N/A	Assay batch #:	0017344J
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS124	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	2.00e+00	2.9e-01	4.1e-02	PCI	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00672857F	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010264V
Matrix:	N/A	Assay batch #:	0017344J
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/28/2013 16:03	1000.0	AS125	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.63e-02	2.5e-02	3.5e-02	PCI	08/28/2013 16:03 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010240L
Analysis method: NAREL AM-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06395P	13234027	00672363M		71.15 %	5.74 %	PMT
B3.06395P	13234027	00672375R	DUP	68.33 %	5.47 %	PMT
B3.06396Q	13234032	00672364N		52.06 %	4.69 %	PMT
B3.06397R	13234008	00672365P		74.21 %	6.53 %	PMT
B3.06398T	13234010	00672366Q		78.21 %	6.74 %	PMT
B3.06399U	13234011	00672367R		68.29 %	6.28 %	PMT
B3.06400T	13234014	00672368T		64.38 %	6.04 %	PMT
B3.06401U	13234015	00672369U		68.44 %	5.49 %	PMT
LCS-00672362L *		00672362L	LCS	67.08 %	5.43 %	PMT
RBK-00672376T *		00672376T	RBK	58.43 %	5.03 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010240L

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00672375R	DUP	AM241		86.8	-0.36	PASS
LCS-00672362L	00672362L	LCS	AM241	87.2		-2.48	WARN
RBK-00672376T	00672376T	RBK	AM241				PASS

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010264V
Analysis method: NAREL AM-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06382J	13234000	00669684C		53.34 %	5.47 %	AS
B3.06383K	13234001	00669690A		52.72 %	5.43 %	AS
B3.06384L	13234003	00669695F		59.52 %	5.91 %	AS
B3.06384L	13234003	00672856E	DUP	39.34 %	4.61 %	AS
B3.06385M	13234005	00669700J		51.95 %	5.35 %	AS
B3.06386N	13234007	00669705P		60.84 %	5.55 %	AS
B3.06387P	13234002	00669710L		50.78 %	5.36 %	AS
B3.06388Q	13234004	00669715R		61.16 %	5.89 %	AS
B3.06389R	13234006	00669720N		50.68 %	4.64 %	AS
B3.06390J	13234019	00669725U		48.27 %	4.48 %	AS
B3.06391K	13234021	00669731R		44.18 %	4.36 %	AS
B3.06392L	13234022	00669738Z		58.55 %	4.99 %	AS
B3.06393M	13234024	00669743W		57.27 %	4.95 %	AS
B3.06394N	13234026	00669748B		39.04 %	4.52 %	AS
LCS-00672858G *		00672858G	LCS	51.02 %	5.34 %	AS
RBK-00672857F *		00672857F	RBK	46.35 %	5.03 %	AS

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010264V

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06384L	00672856E	DUP	AM241		37.1	0.16	PASS-J
LCS-00672858G	00672858G	LCS	AM241	100.8		0.11	PASS
RBK-00672857F	00672857F	RBK	AM241				PASS

Note: Results qualified with -J may be significantly under or over-estimated and are not evaluated for QC purposes.

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MEMORANDUM

DATE: September 12, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 22 soil samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Hafnium, niobium, tantalum, titanium, tungsten, and zirconium (EPA Method 6020) analyses were performed at the Manchester Environmental Lab, Port Orchard, Washington.

The samples were numbered:

13234001	13234006	13234010	13234012	13234014	13234015	13234016
13234017	13234018	13234019	13234020	13234021	13234022	13234026
13234027	13234029	13234032	13234037	13234039	13234040	13234042
13234044						

No discrepancies were noted. The secondary reviewer added the bias qualifiers "L" and "K" to applicable estimated results based on notes in the Quality Assurance Memorandum.

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

MEMORANDUM

SUBJECT: Data Release for Inorganics Results from the Region 10 USEPA Laboratory

PROJECT NAME: West Salem Preliminary Assessment

PROJECT CODE: SFP-057A

FROM: Gerald Dodo, Supervisory Chemist
USEPA Region 10 Laboratory
Office of Environmental Assessment

TO: Joanne Labaw, Project Manager
Office of Environmental Cleanup,
Assessment and Brownfields Unit,
USEPA Region 10

CC: Renee Nordeen, E & E

I have authorized release of this data package. Attached you will find the metals results for the West Salem Preliminary Assessment project for samples received on 07/23/2013. For further information regarding the attached data, contact Katie Adams at 360-871-8748.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

QUALITY ASSURANCE MEMORANDUM FOR INORGANIC CHEMICAL ANALYSES

DATE: September 9, 2013

TO: Joanne Labaw, Project Manager
Office of Environmental Cleanup, Assessment and Brownfields Unit, US EPA Region 10

FROM: Katie Adams, Chemist
Office of Environmental Assessment, US EPA Region 10 Laboratory

SUBJECT: Quality Assurance Review of the West Salem Preliminary Assessment For Metals

Project Code: SFP-057A
Account Code: 2013T10P303DD210ZZLA00

CC: Renee Nordeen – E & E

The following is a quality assurance review of the results of the analysis of 22 soil samples for hafnium, niobium, tantalum, titanium, tungsten, and zirconium following digestion method 3050B. These samples were submitted for the West Salem Preliminary Assessment Project. The analysis was performed by EPA chemists at the US EPA Region 10 Laboratory in Port Orchard, WA, following US EPA and Laboratory guidelines.

This review was conducted for the following samples:

13234001	13234006	13234010	13234012	13234014	13234015	13234016
13234017	13234018	13234019	13234020	13234021	13234022	13234026
13234027	13234029	13234032	13234037	13234039	13234040	13234042
13234044						

Data Qualifications

Comments below refer to the quality control specifications outlined in the Laboratory's current Quality Assurance Manual, Standard Operating Procedures (SOPs) and the Quality Assurance Project Plan (QAPP). Sample digestion was performed following EPA Method 3050B, and analysis was performed following EPA Method 6020. No excursions were made from the method Standard Operating Procedures, other than to extend them to the metals of interest for this project.

The quality control measures which did not meet Laboratory/QAPP criteria are annotated in the title of each affected subsection with **"Laboratory/QAPP Criteria Not Met."**

Further description may be found in affected subsections, as described under the header, "**Note:**"

For those tests for which the USEPA Region 10 Laboratory has been accredited by the National Environmental Laboratory Accreditation Conference (NELAC), all requirements of the current NELAC Standard have been met. The Region 10 Laboratory's Quality System has also been accredited to the Standards of the National Environmental Laboratory Accreditation Conference (NELAC).

1. Sample Transport and Receipt – Laboratory/QAPP Criteria Not Met

Refer to the appended Corrective Action Notice dated 07/23/2013 for a record of observations made during sample receipt. The findings were administrative in nature and do not affect sample results.

2. Sample Holding Times

The concentration of an analyte in a sample or sample extract may increase or decrease over time depending on the nature of the analyte. For this reason, holding time limits are recommended for samples. The samples covered by this review met method holding time recommendations, where applicable.

3. Sample Preparation

Samples were prepared according to the SOP for metals in soil following EPA Method 3050B. No qualification of the data was required based on sample preparation.

4. Initial Calibration and Calibration Verification - Laboratory/QAPP Criteria Not Met

Final sample analysis took place on two days; sample screening and preliminary work was also performed prior to the days of analysis.

A linear regression was generated on each day of analysis. The low point of the calibration curve was at the Minimum Reporting Level (MRL) of the method. The regression coefficients met requirements. The calibration points met acceptance criteria (each was within 10% of its known value, with a 30% range allowed for the MRL standard). The calibration was checked with a blank, a low level standard, and a midrange standard at the beginning and end of analysis, and after every ten samples during analysis. All frequency and recovery criteria were met, with the following exceptions:

The recovery of one of the calibration standards was 89% for zirconium on the first day of analysis. All associated zirconium results were qualified (J), estimated.

The recovery of one of the calibration standards was 88% for tantalum on the second day of analysis. All associated tantalum results were qualified (J), estimated.

The recoveries for tantalum for all calibration verification checks were not within the 90-110% recovery limit on the first day of analysis (recoveries which exceeded the acceptance range were between 115-119%). All associated tantalum results were qualified (J), estimated.

The recoveries for niobium for all the continuing calibration verification checks were not within the 90-110% recovery limit on the first day of analysis (recoveries which exceeded the acceptance range were at 111% recovery). All associated niobium results were qualified (J), estimated.

No other qualification was required based on calibration or calibration verification.

Note: Many of the metals determined for this project are known to be highly insoluble. It was our experience that even the calibration standards had very limited stability with the acid combinations described in method 3050B. All standards were made fresh on the day of analysis in order to meet the calibration criteria as best as possible. The high recoveries in some of the calibration verification standards may have been due to deposits in the sample introduction system, which then leached during analysis.

5. Laboratory Control Samples – Laboratory/QAPP Criteria Not Met

All laboratory control sample results met the recovery acceptance criterion (85 – 115% of the standard's true value) for the method, with the following exceptions:

The recoveries for control samples IS072913AL1 and IS072913AL2 were as follows for titanium (93/98%), zirconium (**48/64%**), niobium (**53**/88%), hafnium (**51/71%**), tantalum (**23/78%**), and tungsten (**57**/94%). The recoveries that did not meet acceptance criteria are in **bold**. All associated results were qualified (J), estimated.

The recoveries for control samples IS080513AL1 and IS080513AL2 were as follows for titanium (99/100%), zirconium (**69/69%**), niobium (**81/82%**), hafnium (**76/76%**), tantalum (**45/50%**), and tungsten (**78/78%**). The recoveries that did not meet acceptance criteria are in **bold**. All associated results were qualified (J), estimated.

Note: Many of the metals determined for this project are known to be very insoluble. The samples were analyzed immediately after digestion in an attempt to improve recoveries. Acids and digestion techniques other than those described in EPA Method 3050B would likely have been required to improve recoveries.

6. Blank Analysis

The method blank did not contain detectable levels of any project analytes. No qualification was required based on method blank analysis.

7. Duplicate Analysis

Duplicate analysis was performed on samples 13234019 and 13234042. Sample results which were greater than the LRS level were within the ± 20% RPD requirement. No qualification was required based on duplicate analysis.

8. Matrix Spike/Matrix Spike Duplicate Analysis – Laboratory/QAPP Criteria Not Met

Matrix spike analyses were performed on samples 13234019 and 13234042. The matrix spike recovery acceptance criterion is 75-125% recovery.

The recoveries for 13234019 S1/S2 were as follows for zirconium (96/98%), niobium (**26/26%**), hafnium (**51/52%**), tantalum (**0.2/0.2%**), and tungsten (**51/51%**). The spiking level for titanium was too low relative to the quantity in the sample, to be effectively evaluated. The recoveries that did not meet acceptance criteria are in **bold**.

The recoveries for 13234042 S1/S2 were as follows for zirconium (**74**/102%), niobium (**23/29%**), hafnium (**35/44%**), tantalum (**0.3/0.3%**), and tungsten (**27/40%**). The spiking level for titanium was too low relative to the quantity in the sample, to be effectively evaluated. The recoveries that did not meet acceptance criteria are in **bold**.

All results associated with unacceptable matrix spikes were qualified (J), estimated. No other qualification was required based on matrix spike analyses.

Note: Many of the metals determined for this project are known to be very insoluble. The samples were analyzed immediately after digestion in an attempt to improve recoveries. Acids and digestion techniques other than those described in EPA Method 3050B would likely have been required to improve recoveries.

9. Reference Materials

A reference material was prepared and analyzed with these samples. Reference materials which were certified for all the metals in this project were not available; the only certified value which could be evaluated was for titanium. The analytical value for titanium for this sample was within the range of acceptable results. No qualification was necessary based on analysis of the reference material.

Interferences

Serial dilution checks were analyzed to demonstrate that interferences were under control. All results of these checks met laboratory acceptance criteria.

10. Reporting Limits

Results are reported on a dry weight basis.

Sample results above the MRL but below the LRS are reported to two significant figures; results above the LRS level are reported to three significant figures.

11. Data Qualifiers

The (U) qualifier was attached to those results which were below the Method Reporting Limit (MRL).

All hafnium, niobium, tantalum, tungsten, and zirconium results were qualified (J), estimated, because of low recoveries for laboratory control samples and matrix spikes. Some calibration verification checks were also out of control for niobium and tantalum.

No other qualification was required. The definition for the data qualifier is as follows:

U - The analyte was not detected at or above the reported value.

J - The identification of the analyte is acceptable; however the reported value is an estimate.

UJ - The analyte was not detected at or above the reported value. The reported value is an estimate.

The usefulness of qualified data should be treated according to the severity of the qualifier in light of the project's data quality objectives. Should questions arise regarding the data, contact Katie Adams at the Region 10 Laboratory, phone number (360) 871- 8748.

12. Definitions

Accuracy - the degree of conformity of a measured or calculated quantity to its actual value.

Duplicate Analysis – when a duplicate of a sample (DS), a matrix spike (MSD), or a laboratory control sample (LCSD) is analyzed, it is possible to use the comparison of the results in terms of relative percent difference (RPD) to calculate precision.

Laboratory Control Sample (LCS) - a clean matrix spiked with known quantities of analytes. The LCS is processed with samples through every step of preparation and analysis. Measuring percent recovery of each analyte in the LCS provides a measurement of accuracy for the analyte in the project samples. A laboratory control sample is prepared and analyzed at a frequency no less than one for every 20 project samples.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) - Sample analyses performed to provide information about the effect of the sample matrix on analyte recovery and measurement within the project samples. To create the MS/MSD, a project sample is spiked with known quantities of analyte and the percent recovery of the analyte is determined.

Method Blank- An analytical control that is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background and reagent contamination. A method blank is prepared and analyzed for every batch of samples at a minimum frequency of one per every 20 samples. To produce unqualified data, the result of the method blank analysis is required to be less than the MRL and less than 10 times the amount of analyte found in any project sample.

Minimum Reporting Level (MRL) - the smallest measured concentration of a substance that can be reliably measured using a given analytical method.

Precision – the degree of mutual agreement or repeatability among a series of individual results.

Reference materials – Samples with analyte values that are homogeneous and well established. This allows the reference material to be used to assess the accuracy of the measurement method.

Relative Percent Difference – The difference between two sample results divided by their mean and expressed as a percentage.

US EPA Region 10 Laboratory

Multi-Analyte Final Report

Project Code : SFP-057A
Site : WEST SALEM PRELIMINARY ASSESSMENTS
Contact : Joanne Labaw
Account : 2013T10P303DD210ZZLA00

Sample : 13234001

Description : JSXT7
Matrix : Soil **Weight Basis :** Dry
Collected : 6/10/2013 4:50:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.98	mg/Kg	UJ L	7/31/13	10
7440031	Niobium	0.98	mg/Kg	UJ L	7/31/13	10
7440257	Tantalum	0.98	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1550**	**mg/Kg**		7/31/13	200
7440337	Tungsten	0.98	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**19**	**mg/Kg**	J L	7/31/13	10

Sample : 13234006

Description : JSXT8
Matrix : Soil **Weight Basis :** Dry
Collected : 6/10/2013 6:17:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.98	mg/Kg	UJ L	8/5/13	10
7440031	Niobium	0.98	mg/Kg	UJ L	8/5/13	10
7440257	Tantalum	0.98	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**1610**	**mg/Kg**		8/5/13	500
7440337	Tungsten	0.98	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**19**	**mg/Kg**	J L	8/5/13	10

Sample : 13234010

Description : JSXX8
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 3:50:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.99	mg/Kg	UJ L	7/31/13	10
7440031	Niobium	0.99	mg/Kg	UJ L	7/31/13	10
7440257	Tantalum	0.99	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**912**	**mg/Kg**		7/31/13	100
7440337	Tungsten	0.99	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**16**	**mg/Kg**	J L	7/31/13	10

Sample : 13234012

Description : JSXY0
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 6:00:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.98	mg/Kg	UJ L	7/31/13	10
7440031	**Niobium**	**2.2**	**mg/Kg**	J L	7/31/13	10
7440257	Tantalum	0.98	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1350**	**mg/Kg**		7/31/13	200
7440337	Tungsten	0.98	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**19**	**mg/Kg**	J L	7/31/13	10

Sample : 13234014

Description : JSXY2
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 7:14:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	7/31/13	10
7440031	**Niobium**	**1.2**	**mg/Kg**	J L	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1790**	**mg/Kg**		7/31/13	400
7440337	Tungsten	1.0	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**18**	**mg/Kg**	J L	7/31/13	10

Sample : 13234015

Description : JSXZ3
Matrix : Soil **Weight Basis :** Dry
Collected : 6/14/2013 1:20:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	8/5/13	10
7440031	**Niobium**	**2.5**	**mg/Kg**	J L	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**5810**	**mg/Kg**		8/5/13	1000
7440337	Tungsten	1.0	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**56**	**mg/Kg**	J L	8/5/13	10

Sample : 13234016

Description : JSXZ4
Matrix : Soil
Collected : 6/14/2013 2:00:00PM
Weight Basis : Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	8/5/13	10
7440031	**Niobium**	**3.0**	**mg/Kg**	J L	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**6090**	**mg/Kg**		8/5/13	1000
7440337	Tungsten	1.0	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**49**	**mg/Kg**	J L	8/5/13	10

Sample : 13234017

Description : JSXY3
Matrix : Soil
Collected : 6/12/2013 6:17:00PM
Weight Basis : Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	8/5/13	10
7440031	**Niobium**	**2.1**	**mg/Kg**	J L	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**1910**	**mg/Kg**		8/5/13	500
7440337	Tungsten	1.0	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**21**	**mg/Kg**	J L	8/5/13	10

Sample : 13234018

Description : JSXX2
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 9:50:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	8/5/13	10
7440031	Niobium	1.0	mg/Kg	UJ L	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**1400**	**mg/Kg**		8/5/13	500
7440337	Tungsten	1.0	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**19**	**mg/Kg**	J L	8/5/13	10

Sample : 13234019

Description : JSXX3
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 10:25:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	7/31/13	10
7440031	Niobium	1.0	mg/Kg	UJ L	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1760**	**mg/Kg**		7/31/13	250
7440337	Tungsten	1.0	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**20**	**mg/Kg**	J L	7/31/13	10

Sample : 13234020

Description : JSXX4
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 11:00:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	7/31/13	10
7440031	Niobium	1.0	mg/Kg	UJ L	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1460**	**mg/Kg**		7/31/13	400
7440337	Tungsten	1.0	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**23**	**mg/Kg**	J L	7/31/13	10

Sample : 13234021

Description : JSXX5
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 11:30:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.99	mg/Kg	UJ L	7/31/13	10
7440031	Niobium	0.99	mg/Kg	UJ L	7/31/13	10
7440257	Tantalum	0.99	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1400**	**mg/Kg**		7/31/13	250
7440337	Tungsten	0.99	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**20**	**mg/Kg**	J L	7/31/13	10

Sample : 13234022

Description : JSXT9
Matrix : Soil **Weight Basis :** Dry
Collected : 6/11/2013 11:02:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.99	mg/Kg	UJ L	8/5/13	10
7440031	**Niobium**	**1.0**	**mg/Kg**	J L	8/5/13	10
7440257	Tantalum	0.99	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**1640**	**mg/Kg**		8/5/13	500
7440337	Tungsten	0.99	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**11**	**mg/Kg**	J L	8/5/13	10

Sample : 13234026

Description : JSXW1
Matrix : Soil **Weight Basis :** Dry
Collected : 6/11/2013 3:10:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	7/31/13	10
7440031	Niobium	1.0	mg/Kg	UJ L	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1220**	**mg/Kg**		7/31/13	200
7440337	Tungsten	1.0	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**18**	**mg/Kg**	J L	7/31/13	10

Sample : 13234027

Description : JSXW2
Matrix : Soil
Collected : 6/11/2013 4:55:00PM
Weight Basis : Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.98	mg/Kg	UJ L	8/5/13	10
7440031	**Niobium**	**1.0**	**mg/Kg**	J L	8/5/13	10
7440257	Tantalum	0.98	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**1590**	**mg/Kg**		8/5/13	500
7440337	Tungsten	0.98	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**14**	**mg/Kg**	J L	8/5/13	10

Sample : 13234029

Description : JSXW7
Matrix : Soil
Collected : 6/11/2013 6:58:00PM
Weight Basis : Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	7/31/13	10
7440031	Niobium	1.0	mg/Kg	UJ L	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ L	7/31/13	10
7440326	**Titanium**	**1510**	**mg/Kg**		7/31/13	250
7440337	Tungsten	1.0	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**21**	**mg/Kg**	J L	7/31/13	10

Sample : 13234032

Description : JSXW3
Matrix : Soil **Weight Basis :** Dry
Collected : 6/11/2013 12:55:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	8/5/13	10
7440031	Niobium	1.0	mg/Kg	UJ L	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**1940**	**mg/Kg**		8/5/13	500
7440337	Tungsten	1.0	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**19**	**mg/Kg**	J L	8/5/13	10

Sample : 13234037

Description : JSXY5
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 1:35:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	7/31/13	10
7440031	**Niobium**	**1.6**	**mg/Kg**	J L	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**1650**	**mg/Kg**		7/31/13	400
7440337	Tungsten	1.0	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**22**	**mg/Kg**	J L	7/31/13	10

Sample : 13234039

Description : JSXY7
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 2:45:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	8/5/13	10
7440031	**Niobium**	**1.5**	**mg/Kg**	J L	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**1670**	**mg/Kg**		8/5/13	500
7440337	Tungsten	1.0	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**17**	**mg/Kg**	J L	8/5/13	10

Sample : 13234040

Description : JSXY8
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 3:50:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ L	7/31/13	10
7440031	**Niobium**	**2.0**	**mg/Kg**	J L	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**2250**	**mg/Kg**		7/31/13	500
7440337	Tungsten	1.0	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**14**	**mg/Kg**	J L	7/31/13	10

Sample : 13234042

Description : JSXZ2
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 5:00:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	0.99	mg/Kg	UJ L	8/5/13	10
7440031	**Niobium**	**1.6**	**mg/Kg**	J L	8/5/13	10
7440257	Tantalum	0.99	mg/Kg	UJ L	8/5/13	10
7440326	**Titanium**	**3490**	**mg/Kg**		8/5/13	500
7440337	Tungsten	0.99	mg/Kg	UJ L	8/5/13	10
7440677	**Zirconium**	**39**	**mg/Kg**	J L	8/5/13	10

Sample : 13234044

Description : JSXZ1
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 5:45:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.1	mg/Kg	UJ L	7/31/13	10
7440031	**Niobium**	**1.1**	**mg/Kg**	J L	7/31/13	10
7440257	Tantalum	1.1	mg/Kg	UJ K	7/31/13	10
7440326	**Titanium**	**2440**	**mg/Kg**		7/31/13	500
7440337	Tungsten	1.1	mg/Kg	UJ L	7/31/13	10
7440677	**Zirconium**	**27**	**mg/Kg**	J L	7/31/13	10

Sample : 13234019 Sample Duplicate

Description : JSXX3
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 10:25:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ	7/31/13	10
7440031	Niobium	1.0	mg/Kg	UJ	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	UJ	7/31/13	10
7440326	**Titanium**	**1730**	**mg/Kg**		7/31/13	250
7440337	Tungsten	1.0	mg/Kg	UJ	7/31/13	10
7440677	**Zirconium**	**20**	**mg/Kg**	J	7/31/13	10

Sample : 13234042 Sample Duplicate

Description : JSXZ2
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 5:00:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	UJ	8/5/13	10
7440031	**Niobium**	**1.7**	**mg/Kg**	J	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ	8/5/13	10
7440326	**Titanium**	**3500**	**mg/Kg**		8/5/13	500
7440337	Tungsten	1.0	mg/Kg	UJ	8/5/13	10
7440677	**Zirconium**	**41**	**mg/Kg**	J	8/5/13	10

Sample : 13234019 Matrix Spike

Description : JSXX3
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 10:25:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	51	%Rec		7/31/13	10
7440031	Niobium	26	%Rec		7/31/13	10
7440257	Tantalum	0.2	%Rec		7/31/13	10
7440326	Titanium			NA	7/31/13	250
7440337	Tungsten	51	%Rec		7/31/13	10
7440677	Zirconium	96	%Rec		7/31/13	10

Sample : 13234042 Matrix Spike

Description : JSXZ2
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 5:00:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	35	%Rec		8/5/13	10
7440031	Niobium	23	%Rec		8/5/13	10
7440257	Tantalum	0.3	%Rec		8/5/13	10
7440326	Titanium			NA	8/5/13	500
7440337	Tungsten	27	%Rec		8/5/13	10
7440677	Zirconium	74	%Rec		8/5/13	10

Sample : 13234019 Matrix Spike#2

Description : JSXX3
Matrix : Soil **Weight Basis :** Dry
Collected : 6/12/2013 10:25:00AM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	52	%Rec		7/31/13	10
7440031	Niobium	26	%Rec		7/31/13	10
7440257	Tantalum	0.2	%Rec		7/31/13	10
7440326	Titanium			NA	7/31/13	250
7440337	Tungsten	51	%Rec		7/31/13	10
7440677	Zirconium	98	%Rec		7/31/13	10

Sample : 13234042 Matrix Spike#2

Description : JSXZ2
Matrix : Soil **Weight Basis :** Dry
Collected : 6/13/2013 5:00:00PM

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	44	%Rec		8/5/13	10
7440031	Niobium	29	%Rec		8/5/13	10
7440257	Tantalum	0.3	%Rec		8/5/13	10
7440326	Titanium			NA	8/5/13	500
7440337	Tungsten	40	%Rec		8/5/13	10
7440677	Zirconium	102	%Rec		8/5/13	10

Sample : IS072913ABL Blank

Description : Blank
Matrix : Solid **Weight Basis :** Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	U	7/31/13	10
7440031	Niobium	1.0	mg/Kg	U	7/31/13	10
7440257	Tantalum	1.0	mg/Kg	U	7/31/13	10
7440326	Titanium	1.0	mg/Kg	U	7/31/13	10
7440337	Tungsten	1.0	mg/Kg	U	7/31/13	10
7440677	Zirconium	1.0	mg/Kg	UJ	7/31/13	10

Sample : IS080513ABL Blank

Description : Blank
Matrix : Solid **Weight Basis :** Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7440586	Hafnium	1.0	mg/Kg	U	8/5/13	10
7440031	Niobium	1.0	mg/Kg	U	8/5/13	10
7440257	Tantalum	1.0	mg/Kg	UJ	8/5/13	10
7440326	Titanium	1.0	mg/Kg	U	8/5/13	10
7440337	Tungsten	1.0	mg/Kg	U	8/5/13	10
7440677	Zirconium	1.0	mg/Kg	U	8/5/13	10

Sample : IS072913AL1 Lab Control Std

Description : Lab Control Standard
Matrix : Solid **Weight Basis :** Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	51	%Rec		7/31/13	10
7440031	Niobium	53	%Rec		7/31/13	10
7440257	Tantalum	23	%Rec		7/31/13	10
7440326	Titanium	93	%Rec		7/31/13	10
7440337	Tungsten	57	%Rec		7/31/13	10
7440677	Zirconium	48	%Rec		7/31/13	10

Sample : IS080513AL1 Lab Control Std

Description : Lab Control Standard
Matrix : Solid **Weight Basis :** Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	76	%Rec		8/5/13	10
7440031	Niobium	81	%Rec		8/5/13	10
7440257	Tantalum	45	%Rec		8/5/13	10
7440326	Titanium	99	%Rec		8/5/13	10
7440337	Tungsten	78	%Rec		8/5/13	10
7440677	Zirconium	69	%Rec		8/5/13	10

Sample : IS072913AL2 Lab Control Std#2

Description : Lab Control Standard Dup.
Matrix : Solid **Weight Basis :** Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	71	%Rec		7/31/13	10
7440031	Niobium	88	%Rec		7/31/13	10
7440257	Tantalum	78	%Rec		7/31/13	10
7440326	Titanium	98	%Rec		7/31/13	10
7440337	Tungsten	94	%Rec		7/31/13	10
7440677	Zirconium	64	%Rec		7/31/13	10

Sample : IS080513AL2 Lab Control Std#2

Description : Lab Control Standard Dup.
Matrix : Solid **Weight Basis :** Dry

Parameter : ICP/MS
Fraction : Total
Prep Method: 3050B - Acid Digestion of Sediments, Sludges, and Soils, SW-846
Analysis Method: 6020 - ICPMS (15 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7440586	Hafnium	76	%Rec		8/5/13	10
7440031	Niobium	82	%Rec		8/5/13	10
7440257	Tantalum	50	%Rec		8/5/13	10
7440326	Titanium	100	%Rec		8/5/13	10
7440337	Tungsten	78	%Rec		8/5/13	10
7440677	Zirconium	69	%Rec		8/5/13	10

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MEMORANDUM

DATE: September 12, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 3 soil and 2 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Alpha and beta particle analyses (EPA National Analytical Radiation Environmental Laboratory Method GR-03) were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234016 13234017 13234037 13234039 13234042

No discrepancies were noted.

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U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
ALPBET ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300059

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Gross Alpha and Beta on Solid Samples
Report ID:	1300059-ALPBET
Report type:	Original
Date reported:	07/23/2013
Total pages in report:	13

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06402V	13234016	OR:SALEM	SOIL	06/14/2013	06/18/2013
B3.06403W	13234017	OR:SALEM	SEDIMENT	06/12/2013	06/18/2013
B3.06404X	13234037	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06405Y	13234039	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06406Z	13234042	OR:SALEM	SEDIMENT	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 7-23-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

7/23/13

for Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

GENERAL INFORMATION (CONTINUED)

GROSS ALPHA AND BETA ANALYSIS

In comparison to the methods employed to determine radionuclide-specific activities, the method used by NAREL to determine gross alpha and beta activities has the potential for greater analytical uncertainty. Although NAREL attempts to estimate the total uncertainty of each result, the analytical method does not admit a rigorous uncertainty analysis. Significant components of the uncertainty must be based on professional judgment and historical data. For this reason results from gross alpha and beta analyses should be used only as gross approximations of the alpha and beta activity present.

Note that NAREL does not automatically qualify individual results from gross alpha/beta measurements, although the values may be significantly overestimated or underestimated in relation to the reported uncertainty.

The 2009 TNI accreditation standard for environmental laboratories (Volume 1, Module 6, 1.7.2.1(b)) does not require method blanks for gross alpha/beta analysis of solid samples. In 2013 NAREL, while considering the TNI requirements, examined historical method blank data from NAREL method GR-03 "Gross Alpha and Beta Analysis of Solid Samples" to assess their usefulness. We decided, effective April 25, 2013, to discontinue method blanks for method GR-03. Method blanks are still required for gross alpha/beta analysis of samples analyzed using other methods (e.g., NAREL GR-01) and for other matrices, such as water.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

ANALYSIS SUMMARY

Analysis method: NAREL GR-03
Title: Gross Alpha and Beta on Solid Samples

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06402V	13234016		07/16/2013	0010116H	0017195P
B3.06402V	13234016	DUP	07/16/2013	0010116H	0017195P
B3.06403W	13234017		07/16/2013	0010116H	0017195P
B3.06404X	13234037		07/16/2013	0010116H	0017195P
B3.06405Y	13234039		07/16/2013	0010116H	0017195P
B3.06406Z	13234042		07/16/2013	0010116H	0017195P
LCS-00669835Z *		LCS	07/16/2013	0010116H	0017195P

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	9.850e-02 GASH
Client sample ID:	13234016	Preparation batch #:	0010116H
Matrix:	SOIL	Assay batch #:	0017195P
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	86.35 %	Analyst:	ARM
Ash/dry weight:	85.68 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 16:35	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.46e+01	1.1e+01	5.4e+00	PCI/GDRY	07/16/2013 16:35 CDT
Beta	1.38e+01	3.8e+00	4.8e+00	PCI/GDRY	07/16/2013 16:35 CDT

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NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	9.410e-02 GASH
Client sample ID:	13234016	Preparation batch #:	0010116H
Matrix:	SOIL	Assay batch #:	0017195P
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	86.35 %	Analyst:	ARM
Ash/dry weight:	85.68 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 16:35	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.70e+01	1.1e+01	6.6e+00	PCI/GDRY	07/16/2013 16:35 CDT
Beta	9.66e+00	3.5e+00	4.8e+00	PCI/GDRY	07/16/2013 16:35 CDT

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NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06403W	Amount analyzed:	9.820e-02 GASH
Client sample ID:	13234017	Preparation batch #:	0010116H
Matrix:	SEDIMENT	Assay batch #:	0017195P
Collected:	2013-06-12 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	42.20 %	Analyst:	ARM
Ash/dry weight:	85.25 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 16:35	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.59e+01	1.1e+01	5.5e+00	PCI/GDRY	07/16/2013 16:35 CDT
Beta	1.41e+01	3.9e+00	4.9e+00	PCI/GDRY	07/16/2013 16:35 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	9.720e-02 GASH
Client sample ID:	13234037	Preparation batch #:	0010116H
Matrix:	SOIL	Assay batch #:	0017195P
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	87.05 %	Analyst:	ARM
Ash/dry weight:	96.07 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 18:16	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	5.82e+00	9.8e+00	6.1e+00	PCI/GDRY	07/16/2013 18:16 CDT
Beta	1.29e+01	4.0e+00	5.2e+00	PCI/GDRY	07/16/2013 18:16 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	9.740e-02 GASH
Client sample ID:	13234039	Preparation batch #:	0010116H
Matrix:	SOIL	Assay batch #:	0017195P
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	84.75 %	Analyst:	ARM
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 18:16	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.09e+01	9.9e+00	6.7e+00	PCI/GDRY	07/16/2013 18:16 CDT
Beta	1.33e+01	3.8e+00	4.9e+00	PCI/GDRY	07/16/2013 18:16 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06406Z	Amount analyzed:	1.004e-01 GASH
Client sample ID:	13234042	Preparation batch #:	0010116H
Matrix:	SEDIMENT	Assay batch #:	0017195P
Collected:	2013-06-13 17:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-03
Dry/wet weight:	63.77 %	Analyst:	ARM
Ash/dry weight:	90.91 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 18:16	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.23e+01	1.0e+01	5.8e+00	PCI/GDRY	07/16/2013 18:16 CDT
Beta	1.24e+01	3.8e+00	4.9e+00	PCI/GDRY	07/16/2013 18:16 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00669835Z	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010116H
Matrix:	N/A	Assay batch #:	0017195P
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GR-03
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 19:56	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.77e+01	3.9e+00	2.5e-01	PCI	07/16/2013 19:56 CDT
Beta	1.49e+01	1.9e+00	1.1e+00	PCI	07/16/2013 19:56 CDT

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SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010116H
Analysis method: NAREL GR-03
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06402V	13234016	00668641L		N/A		ARM
B3.06402V	13234016	00669834Y	DUP	N/A		ARM
B3.06403W	13234017	00668642M		N/A		ARM
B3.06404X	13234037	00668643N		N/A		ARM
B3.06405Y	13234039	00668644P		N/A		ARM
B3.06406Z	13234042	00668645Q		N/A		ARM
LCS-00669835Z *		00669835Z	LCS	N/A		ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010116H

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06402V	00669834Y	DUP	ALPHA		14.8	0.31	PASS
B3.06402V	00669834Y	DUP	BETA		35.4	-1.60	PASS
LCS-00669835Z	00669835Z	LCS	ALPHA	95.3		-0.44	PASS
LCS-00669835Z	00669835Z	LCS	BETA	100.4		0.06	PASS

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MEMORANDUM

DATE: September 6, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 3 soil and 2 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Strontium (EPA National Analytical Radiation Environmental Laboratory Method SR-04) analyses were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234016 13234017 13234037 13234039 13234042

No discrepancies were noted.

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U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
SR ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300059

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Strontium-89 and 90 in Environmental Matrices
Report ID:	1300059-SR
Report type:	Original
Date reported:	09/05/2013
Total pages in report:	17

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06402V	13234016	OR:SALEM	SOIL	06/14/2013	06/18/2013
B3.06403W	13234017	OR:SALEM	SEDIMENT	06/12/2013	06/18/2013
B3.06404X	13234037	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06405Y	13234039	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06406Z	13234042	OR:SALEM	SEDIMENT	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – Sample B3.06405 was reanalyzed due to a large decrease in count rate between the first and second counts. The results of the reanalysis are reported in this data package.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 9-5-13

Mary F. Wisdom
Quality Assurance Manager, NAREL
Date

for Cynthia White 9/5/13

Cynthia White
Director, Center for Environmental Radioanalytical Laboratory Science
Date

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample, or blank spike
MS	Matrix spike
MSD	Matrix spike duplicate (not currently analyzed)
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. Generally the score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference. The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation of most analyses. An exception is the use of %R in the evaluation of gross alpha matrix spike results. A gross alpha matrix spike result is considered acceptable if either $|Z| \leq 3$ or $60 \leq \%R \leq 110$.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

ANALYSIS SUMMARY

Analysis method: NAREL SR-04
Title: Strontium-89 and 90 in Environmental Matrices

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06402V	13234016		08/12/2013	0010189B	0017264K
B3.06402V	13234016	DUP	08/12/2013	0010189B	0017264K
B3.06403W	13234017		08/12/2013	0010189B	0017264K
B3.06404X	13234037		08/12/2013	0010189B	0017264K
B3.06405Y	13234039		08/27/2013	0010248V	0017318G
B3.06405Y	13234039	DUP	08/27/2013	0010248V	0017318G
B3.06406Z	13234042		08/12/2013	0010189B	0017264K
LCS-00671571P *		LCS	08/12/2013	0010189B	0017264K
RBK-00671572Q *		RBK	08/12/2013	0010189B	0017264K
LCS-00672603J *		LCS	08/27/2013	0010248V	0017318G
RBK-00672604K *		RBK	08/27/2013	0010248V	0017318G

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	4.739e-01 GASH
Client sample ID:	13234016	Preparation batch #:	0010189B
Matrix:	SOIL	Assay batch #:	0017264K
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	86.35 %	Analyst:	ARM
Ash/dry weight:	85.68 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/06/2013 16:19	100.0	QA1A	JEA
08/07/2013 13:00	100.0	QA1A	GVJ
08/12/2013 08:43	100.0	QA1A	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.48e+00	2.5e+00	4.5e+00	PCI/GDRY	06/14/2013 14:00 CDT
Sr90	-2.87e-01	9.2e-01	1.8e+00	PCI/GDRY	06/14/2013 14:00 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	4.935e-01 GASH
Client sample ID:	13234016	Preparation batch #:	0010189B
Matrix:	SOIL	Assay batch #:	0017264K
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	86.35 %	Analyst:	ARM
Ash/dry weight:	85.68 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/06/2013 16:19	100.0	QA1B	JEA
08/07/2013 13:00	100.0	QA1B	GVJ
08/12/2013 08:43	100.0	QA1B	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-5.36e-01	2.5e+00	4.6e+00	PCI/GDRY	06/14/2013 14:00 CDT
Sr90	5.52e-01	9.2e-01	1.6e+00	PCI/GDRY	06/14/2013 14:00 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06403W	Amount analyzed:	4.937e-01 GASH
Client sample ID:	13234017	Preparation batch #:	0010189B
Matrix:	SEDIMENT	Assay batch #:	0017264K
Collected:	2013-06-12 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	42.20 %	Analyst:	ARM
Ash/dry weight:	85.25 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/06/2013 16:19	100.0	QA1C	JEA
08/07/2013 13:00	100.0	QA1C	GVJ
08/12/2013 08:43	100.0	QA1C	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-8.66e-01	2.6e+00	5.1e+00	PCI/GDRY	06/12/2013 18:17 CDT
Sr90	4.83e-01	9.5e-01	1.7e+00	PCI/GDRY	06/12/2013 18:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	5.253e-01 GASH
Client sample ID:	13234037	Preparation batch #:	0010189B
Matrix:	SOIL	Assay batch #:	0017264K
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	87.05 %	Analyst:	ARM
Ash/dry weight:	96.07 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/06/2013 16:19	100.0	QA1D	JEA
08/07/2013 13:00	100.0	QA1D	GVJ
08/12/2013 08:43	100.0	QA1D	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	3.59e+00	2.9e+00	5.2e+00	PCI/GDRY	06/13/2013 13:35 CDT
Sr90	-9.82e-01	1.0e+00	2.2e+00	PCI/GDRY	06/13/2013 13:35 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	4.445e-01 GASH
Client sample ID:	13234039	Preparation batch #:	0010248V
Matrix:	SOIL	Assay batch #:	0017318G
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	84.75 %	Analyst:	ARM
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/21/2013 14:41	100.0	QA1A	JEA
08/22/2013 10:39	100.0	QA1A	JEA
08/27/2013 10:21	100.0	QA1A	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.16e+00	3.6e+00	6.3e+00	PCI/GDRY	06/13/2013 14:45 CDT
Sr90	7.75e-03	1.1e+00	2.0e+00	PCI/GDRY	06/13/2013 14:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	4.869e-01 GASH
Client sample ID:	13234039	Preparation batch #:	0010248V
Matrix:	SOIL	Assay batch #:	0017318G
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	84.75 %	Analyst:	ARM
Ash/dry weight:	87.81 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/21/2013 14:41	100.0	QA1B	JEA
08/22/2013 10:39	100.0	QA1B	JEA
08/27/2013 10:21	100.0	QA1B	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-1.20e+00	3.0e+00	5.9e+00	PCI/GDRY	06/13/2013 14:45 CDT
Sr90	9.22e-01	9.3e-01	1.6e+00	PCI/GDRY	06/13/2013 14:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06406Z	Amount analyzed:	4.794e-01 GASH
Client sample ID:	13234042	Preparation batch #:	0010189B
Matrix:	SEDIMENT	Assay batch #:	0017264K
Collected:	2013-06-13 17:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL SR-04
Dry/wet weight:	63.77 %	Analyst:	ARM
Ash/dry weight:	90.91 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/06/2013 16:19	100.0	QA2B	JEA
08/07/2013 13:00	100.0	QA2B	GVJ
08/12/2013 08:43	100.0	QA2B	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	5.35e-01	2.9e+00	5.1e+00	PCI/GDRY	06/13/2013 17:00 CDT
Sr90	1.10e-01	1.0e+00	1.9e+00	PCI/GDRY	06/13/2013 17:00 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671571P	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010189B
Matrix:	N/A	Assay batch #:	0017264K
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/06/2013 16:19	100.0	QA2C	JEA
08/07/2013 13:00	100.0	QA2C	GVJ
08/12/2013 08:43	100.0	QA2C	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.48e+01	3.2e+00	4.2e+00	PCI	08/06/2013 11:34 CDT
Sr90	1.75e+01	2.6e+00	2.7e+00	PCI	08/06/2013 11:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671572Q	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010189B
Matrix:	N/A	Assay batch #:	0017264K
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/06/2013 16:19	100.0	QA2D	JEA
08/07/2013 13:00	100.0	QA2D	GVJ
08/12/2013 08:43	100.0	QA2D	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-3.17e-01	8.8e-01	1.7e+00	PCI	08/06/2013 11:34 CDT
Sr90	2.95e-01	6.6e-01	1.2e+00	PCI	08/06/2013 11:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00672603J	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010248V
Matrix:	N/A	Assay batch #:	0017318G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/21/2013 14:41	100.0	QA1C	JEA
08/22/2013 10:39	100.0	QA1C	JEA
08/27/2013 10:21	100.0	QA1C	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	1.39e+01	3.2e+00	4.2e+00	PCI	08/21/2013 09:47 CDT
Sr90	1.62e+01	2.5e+00	2.7e+00	PCI	08/21/2013 09:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00672604K	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010248V
Matrix:	N/A	Assay batch #:	0017318G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL SR-04
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/21/2013 14:41	100.0	QA1D	JEA
08/22/2013 10:39	100.0	QA1D	JEA
08/27/2013 10:21	100.0	QA1D	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Sr89	-3.40e-01	9.3e-01	1.8e+00	PCI	08/21/2013 09:47 CDT
Sr90	4.65e-01	7.1e-01	1.2e+00	PCI	08/21/2013 09:47 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010189B
Analysis method: NAREL SR-04
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06402V	13234016	00669792F		77.00 %	1.43 %	ARM
B3.06402V	13234016	00671570N	DUP	77.27 %	1.44 %	ARM
B3.06403W	13234017	00669797L		72.28 %	1.34 %	ARM
B3.06404X	13234037	00669802P		63.92 %	1.19 %	ARM
B3.06406Z	13234042	00669812R		67.42 %	1.25 %	ARM
LCS-00671571P *		00671571P	LCS	66.75 %	1.24 %	ARM
RBK-00671572Q *		00671572Q	RBK	52.72 %	0.98 %	ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010189B

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06402V	00671570N	DUP	SR89		426.2	-1.14	PASS
B3.06402V	00671570N	DUP	SR90		633.4	1.29	PASS
LCS-00671571P	00671571P	LCS	SR89	122.0		1.49	PASS
LCS-00671571P	00671571P	LCS	SR90	99.3		-0.08	PASS
RBK-00671572Q	00671572Q	RBK	SR89				PASS
RBK-00671572Q	00671572Q	RBK	SR90				PASS

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010248V
Analysis method: NAREL SR-04
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06405Y	13234039	00672599G		71.60 %	1.33 %	ARM
B3.06405Y	13234039	00672602H	DUP	79.56 %	1.48 %	ARM
LCS-00672603J *		00672603J	LCS	64.19 %	1.19 %	ARM
RBK-00672604K *		00672604K	RBK	53.13 %	0.99 %	ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010248V

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06405Y	00672602H	DUP	SR89		-12021.9	-1.00	PASS
B3.06405Y	00672602H	DUP	SR90		196.7	1.28	PASS
LCS-00672603J	00672603J	LCS	SR89	141.1		2.34	WARN
LCS-00672603J	00672603J	LCS	SR90	92.2		-0.91	PASS
RBK-00672604K	00672604K	RBK	SR89				PASS
RBK-00672604K	00672604K	RBK	SR90				PASS

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: August 13, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 3 soil and 2 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Isotopic uranium, thorium, and/or plutonium analyses (EPA National Analytical Radiation Environmental Laboratory methods U-EICHROM, TH-EICHROM, and PU-EICHROM) were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234016 13234017 13234037 13234039 13234042

No discrepancies were noted.

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

August 8, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached are data packages for isotopic uranium, thorium, and plutonium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300059.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
TH ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300059

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Thorium) by Extraction Chromatography
Report ID:	1300059-TH
Report type:	Original
Date reported:	08/08/2013
Total pages in report:	14

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06402V	13234016	OR:SALEM	SOIL	06/14/2013	06/18/2013
B3.06403W	13234017	OR:SALEM	SEDIMENT	06/12/2013	06/18/2013
B3.06404X	13234037	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06405Y	13234039	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06406Z	13234042	OR:SALEM	SEDIMENT	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – Sample B3.06395 DUP was loaded in a detector that was not turned on, so it was counted the next day in another detector.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 8-8-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White 8-8-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

ANALYSIS SUMMARY

Analysis method: NAREL TH-EICHROM
Title: Actinides (Thorium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06402V	13234016		08/02/2013	0010167V	0017253G
B3.06403W	13234017		08/02/2013	0010167V	0017253G
B3.06404X	13234037		08/02/2013	0010167V	0017253G
B3.06405Y	13234039		08/02/2013	0010167V	0017253G
B3.06406Z	13234042		08/02/2013	0010167V	0017253G
B3.06395P *	13234027		08/02/2013	0010167V	0017253G
B3.06395P *	13234027	DUP	08/03/2013	0010167V	0017253G
LCS-00671102M *		LCS	08/02/2013	0010167V	0017253G
RBK-00671101L *		RBK	08/02/2013	0010167V	0017253G

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	2.511e-01 GASH
Client sample ID:	13234016	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	86.35 %	Analyst:	PMT
Ash/dry weight:	85.68 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS86	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	2.72e-02	7.9e-02	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	1.23e+00	3.0e-01	1.3e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	1.21e+00	3.0e-01	8.4e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	1.12e+00	2.8e-01	8.4e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06403W	Amount analyzed:	2.554e-01 GASH
Client sample ID:	13234017	Preparation batch #:	0010167V
Matrix:	SEDIMENT	Assay batch #:	0017253G
Collected:	2013-06-12 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	42.20 %	Analyst:	PMT
Ash/dry weight:	85.25 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS87	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	6.48e-02	1.0e-01	1.4e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	6.50e-01	2.0e-01	1.0e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	9.30e-01	2.4e-01	5.7e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	8.58e-01	2.3e-01	1.0e-01	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	2.553e-01 GASH
Client sample ID:	13234037	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	87.05 %	Analyst:	PMT
Ash/dry weight:	96.07 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS88	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	6.74e-02	1.2e-01	1.5e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	4.18e-01	2.1e-01	2.3e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	5.08e-01	2.1e-01	1.3e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th232	4.05e-01	1.8e-01	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT

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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	2.531e-01 GASH
Client sample ID:	13234039	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	84.75 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS97	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	4.13e-02	8.9e-02	1.4e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	6.94e-01	2.1e-01	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	5.20e-01	1.8e-01	5.8e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	5.99e-01	1.9e-01	5.8e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06406Z	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234042	Preparation batch #:	0010167V
Matrix:	SEDIMENT	Assay batch #:	0017253G
Collected:	2013-06-13 17:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	63.77 %	Analyst:	PMT
Ash/dry weight:	90.91 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS98	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	4.15e-02	1.1e-01	2.1e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	8.72e-01	2.6e-01	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	8.55e-01	2.6e-01	7.3e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	8.65e-01	2.6e-01	9.6e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.730e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:14	1000.0	AS35	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.61e-02	7.2e-02	1.4e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	3.65e-01	1.7e-01	1.8e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	7.04e-01	2.1e-01	5.7e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	4.99e-01	1.7e-01	8.6e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.781e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010167V
Matrix:	SOIL	Assay batch #:	0017253G
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/02/2013 15:42	1000.0	AS121	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	5.51e-02	1.2e-01	2.0e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th228	2.63e-01	1.4e-01	1.2e-01	PCI/GDRY	07/31/2013 09:45 CDT
Th230	5.97e-01	2.0e-01	8.2e-02	PCI/GDRY	07/31/2013 09:45 CDT
Th232	4.01e-01	1.6e-01	6.2e-02	PCI/GDRY	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671102M	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010167V
Matrix:	N/A	Assay batch #:	0017253G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS99	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-1.71e-03	1.1e-02	2.9e-02	PCI	07/31/2013 09:45 CDT
Th228	3.31e-02	2.2e-02	2.4e-02	PCI	07/31/2013 09:45 CDT
Th230	1.97e+00	1.8e-01	2.0e-02	PCI	07/31/2013 09:45 CDT
Th232	1.19e-02	1.4e-02	1.8e-02	PCI	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671101L	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010167V
Matrix:	N/A	Assay batch #:	0017253G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:15	1000.0	AS100	CEB

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	0.00e+00	1.2e-02	2.4e-02	PCI	07/31/2013 09:45 CDT
Th228	9.85e-03	1.7e-02	2.8e-02	PCI	07/31/2013 09:45 CDT
Th230	3.15e-02	2.1e-02	1.7e-02	PCI	07/31/2013 09:45 CDT
Th232	9.84e-03	1.4e-02	1.9e-02	PCI	07/31/2013 09:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010167V
Analysis method: NAREL TH-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06402V	13234016	00669791E		69.30 %	3.52 %	PMT
B3.06403W	13234017	00669796K		73.40 %	3.62 %	PMT
B3.06404X	13234037	00669801N		58.53 %	3.10 %	PMT
B3.06405Y	13234039	00669806U		73.70 %	3.65 %	PMT
B3.06406Z	13234042	00669811Q		59.01 %	3.10 %	PMT
B3.06395P *	13234027	00669756B		73.63 %	3.66 %	PMT
B3.06395P *	13234027	00671100K	DUP	65.73 %	3.36 %	PMT
LCS-00671102M *		00671102M	LCS	102.89 %	4.72 %	PMT
RBK-00671101L *		00671101L	RBK	96.99 %	4.49 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010167V

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00671100K	DUP	TH227		109.4	0.57	PASS
B3.06395P	00671100K	DUP	TH228		32.5	-0.94	PASS
B3.06395P	00671100K	DUP	TH230		16.4	-0.75	PASS
B3.06395P	00671100K	DUP	TH232		21.9	-0.84	PASS
LCS-00671102M	00671102M	LCS	TH230	97.3		-0.58	PASS
RBK-00671101L	00671101L	RBK	TH227				PASS
RBK-00671101L	00671101L	RBK	TH228				PASS
RBK-00671101L	00671101L	RBK	TH230				PASS
RBK-00671101L	00671101L	RBK	TH232				PASS

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
U ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300059

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Uranium) by Extraction Chromatography
Report ID:	1300059-U
Report type:	Original
Date reported:	08/08/2013
Total pages in report:	14

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06402V	13234016	OR:SALEM	SOIL	06/14/2013	06/18/2013
B3.06403W	13234017	OR:SALEM	SEDIMENT	06/12/2013	06/18/2013
B3.06404X	13234037	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06405Y	13234039	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06406Z	13234042	OR:SALEM	SEDIMENT	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom — 8-8-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White — 8-8-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

ANALYSIS SUMMARY

Analysis method: NAREL U-EICHROM
Title: Actinides (Uranium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06402V	13234016		08/02/2013	0010170P	0017254H
B3.06403W	13234017		08/02/2013	0010170P	0017254H
B3.06404X	13234037		08/02/2013	0010170P	0017254H
B3.06405Y	13234039		08/02/2013	0010170P	0017254H
B3.06406Z	13234042		08/02/2013	0010170P	0017254H
B3.06395P *	13234027		08/02/2013	0010170P	0017254H
B3.06395P *	13234027	DUP	08/02/2013	0010170P	0017254H
LCS-00671111N *		LCS	08/02/2013	0010170P	0017254H
RBK-00671110M *		RBK	08/02/2013	0010170P	0017254H

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	2.511e-01 GASH
Client sample ID:	13234016	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	86.35 %	Analyst:	PMT
Ash/dry weight:	85.68 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS110	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	1.35e+00	3.1e-01	8.1e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	3.46e-02	6.2e-02	9.8e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	1.18e+00	2.8e-01	7.1e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06403W	Amount analyzed:	2.554e-01 GASH
Client sample ID:	13234017	Preparation batch #:	0010170P
Matrix:	SEDIMENT	Assay batch #:	0017254H
Collected:	2013-06-12 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	42.20 %	Analyst:	PMT
Ash/dry weight:	85.25 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS112	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	6.74e-01	1.9e-01	7.5e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	1.36e-02	4.0e-02	5.9e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	6.33e-01	1.9e-01	6.5e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	2.553e-01 GASH
Client sample ID:	13234037	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	87.05 %	Analyst:	PMT
Ash/dry weight:	96.07 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS114	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.72e-01	1.6e-01	6.2e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	6.44e-02	6.2e-02	6.5e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	6.89e-01	1.8e-01	5.5e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	2.531e-01 GASH
Client sample ID:	13234039	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	84.75 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS115	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.62e-01	1.6e-01	6.2e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	4.91e-02	5.8e-02	7.5e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	4.99e-01	1.5e-01	7.4e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06406Z	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234042	Preparation batch #:	0010170P
Matrix:	SEDIMENT	Assay batch #:	0017254H
Collected:	2013-06-13 17:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	63.77 %	Analyst:	PMT
Ash/dry weight:	90.91 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS65	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	6.75e-01	2.1e-01	1.4e-01	PCI/GDRY	08/01/2013 17:17 CDT
U235	9.92e-02	1.1e-01	1.7e-01	PCI/GDRY	08/01/2013 17:17 CDT
U238	7.85e-01	2.2e-01	1.3e-01	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.730e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS101	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	4.60e-01	1.5e-01	6.3e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	2.20e-02	4.8e-02	7.6e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	4.97e-01	1.6e-01	4.8e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.781e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010170P
Matrix:	SOIL	Assay batch #:	0017254H
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS102	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.36e-01	1.7e-01	7.3e-02	PCI/GDRY	08/01/2013 17:17 CDT
U235	2.21e-02	4.8e-02	7.6e-02	PCI/GDRY	08/01/2013 17:17 CDT
U238	4.99e-01	1.6e-01	8.0e-02	PCI/GDRY	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671111N	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010170P
Matrix:	N/A	Assay batch #:	0017254H
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS117	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	2.12e+00	2.2e-01	1.4e-02	PCI	08/01/2013 17:17 CDT
U235	1.12e-01	4.1e-02	2.0e-02	PCI	08/01/2013 17:17 CDT
U238	2.15e+00	2.2e-01	1.4e-02	PCI	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671110M	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010170P
Matrix:	N/A	Assay batch #:	0017254H
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:17	1000.0	AS118	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	3.67e-02	2.1e-02	1.5e-02	PCI	08/01/2013 17:17 CDT
U235	4.29e-03	1.2e-02	2.1e-02	PCI	08/01/2013 17:17 CDT
U238	2.33e-02	1.8e-02	2.1e-02	PCI	08/01/2013 17:17 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010170P
Analysis method: NAREL U-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06402V	13234016	00669790D		80.66 %	7.40 %	PMT
B3.06403W	13234017	00669795J		83.45 %	7.51 %	PMT
B3.06404X	13234037	00669800M		86.85 %	7.07 %	PMT
B3.06405Y	13234039	00669805T		78.92 %	6.55 %	PMT
B3.06406Z	13234042	00669810P		76.23 %	6.71 %	PMT
B3.06395P *	13234027	00669755A		88.20 %	7.85 %	PMT
B3.06395P *	13234027	00671109V	DUP	87.54 %	7.84 %	PMT
LCS-00671111N *		00671111N	LCS	90.47 %	7.35 %	PMT
RBK-00671110M *		00671110M	RBK	79.74 %	6.60 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010170P

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00671109V	DUP	U234		15.3	0.67	PASS
B3.06395P	00671109V	DUP	U235		0.5	0.00	PASS
B3.06395P	00671109V	DUP	U238		0.5	0.02	PASS
LCS-00671111N	00671111N	LCS	U234	108.2		1.43	PASS
LCS-00671111N	00671111N	LCS	U235	118.9		0.87	PASS
LCS-00671111N	00671111N	LCS	U238	105.3		0.95	PASS
RBK-00671110M	00671110M	RBK	U234				PASS
RBK-00671110M	00671110M	RBK	U235				PASS
RBK-00671110M	00671110M	RBK	U238				PASS

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
PU ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300059

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Plutonium) by Extraction Chromatography
Report ID:	1300059-PU
Report type:	Original
Date reported:	08/08/2013
Total pages in report:	14

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06402V	13234016	OR:SALEM	SOIL	06/14/2013	06/18/2013
B3.06403W	13234017	OR:SALEM	SEDIMENT	06/12/2013	06/18/2013
B3.06404X	13234037	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06405Y	13234039	OR:SALEM	SOIL	06/13/2013	06/18/2013
B3.06406Z	13234042	OR:SALEM	SEDIMENT	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom — 8-8-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

Cynthia White — 8-8-13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

ANALYSIS SUMMARY

Analysis method: NAREL PU-EICHROM
Title: Actinides (Plutonium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06402V	13234016		08/02/2013	0010169X	0017255J
B3.06403W	13234017		08/02/2013	0010169X	0017255J
B3.06404X	13234037		08/02/2013	0010169X	0017255J
B3.06405Y	13234039		08/02/2013	0010169X	0017255J
B3.06406Z	13234042		08/02/2013	0010169X	0017255J
B3.06395P *	13234027		08/02/2013	0010169X	0017255J
B3.06395P *	13234027	DUP	08/02/2013	0010169X	0017255J
LCS-00671108U *		LCS	08/02/2013	0010169X	0017255J
RBK-00671107T *		RBK	08/02/2013	0010169X	0017255J

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06402V	Amount analyzed:	2.511e-01 GASH
Client sample ID:	13234016	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-14 14:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	86.35 %	Analyst:	PMT
Ash/dry weight:	85.68 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS133	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-2.90e-03	4.0e-02	9.0e-02	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	1.45e-02	3.7e-02	6.8e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06403W	Amount analyzed:	2.554e-01 GASH
Client sample ID:	13234017	Preparation batch #:	0010169X
Matrix:	SEDIMENT	Assay batch #:	0017255J
Collected:	2013-06-12 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	42.20 %	Analyst:	PMT
Ash/dry weight:	85.25 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS135	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	2.90e-03	3.3e-02	7.2e-02	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	2.03e-02	3.6e-02	5.7e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06404X	Amount analyzed:	2.553e-01 GASH
Client sample ID:	13234037	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-13 13:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	87.05 %	Analyst:	PMT
Ash/dry weight:	96.07 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS136	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-6.45e-03	4.5e-02	1.0e-01	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	9.67e-03	3.6e-02	7.0e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06405Y	Amount analyzed:	2.531e-01 GASH
Client sample ID:	13234039	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-13 14:45 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	84.75 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS68	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.13e-02	4.2e-02	8.2e-02	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	2.64e-02	4.7e-02	7.4e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06406Z	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234042	Preparation batch #:	0010169X
Matrix:	SEDIMENT	Assay batch #:	0017255J
Collected:	2013-06-13 17:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	63.77 %	Analyst:	PMT
Ash/dry weight:	90.91 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:21	1000.0	AS138	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.80e-02	3.8e-02	6.5e-02	PCI/GDRY	08/01/2013 17:21 CDT
Pu239	3.01e-02	4.2e-02	5.9e-02	PCI/GDRY	08/01/2013 17:21 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.730e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS122	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-2.56e-02	3.0e-02	1.0e-01	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	1.46e-02	4.0e-02	7.2e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.781e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300059

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS123	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.09e-02	5.4e-02	1.1e-01	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	1.82e-02	3.9e-02	6.3e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671108U	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010169X
Matrix:	N/A	Assay batch #:	0017255J
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS140	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.54e-02	1.5e-02	2.0e-02	PCI	08/01/2013 17:20 CDT
Pu239	2.22e+00	2.1e-01	1.9e-02	PCI	08/01/2013 17:20 CDT

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SDG #1300059

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671107T	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010169X
Matrix:	N/A	Assay batch #:	0017255J
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS143	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	3.25e-03	1.1e-02	2.0e-02	PCI	08/01/2013 17:20 CDT
Pu239	8.13e-04	7.5e-03	1.6e-02	PCI	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300059

PREPARATION BATCH SUMMARY

Preparation batch #: 0010169X
Analysis method: NAREL PU-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06402V	13234016	00669789L		85.74 %	6.47 %	PMT
B3.06403W	13234017	00669794H		82.29 %	6.26 %	PMT
B3.06404X	13234037	00669799N		83.48 %	6.32 %	PMT
B3.06405Y	13234039	00669804R		78.66 %	6.55 %	PMT
B3.06406Z	13234042	00669809X		84.98 %	6.43 %	PMT
B3.06395P *	13234027	00669754Z		85.42 %	7.26 %	PMT
B3.06395P *	13234027	00671106R	DUP	84.41 %	7.22 %	PMT
LCS-00671108U *		00671108U	LCS	90.56 %	6.71 %	PMT
RBK-00671107T *		00671107T	RBK	88.61 %	6.57 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010169X

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00671106R	DUP	PU238		-498.1	1.18	PASS
B3.06395P	00671106R	DUP	PU239		21.9	0.13	PASS
LCS-00671108U	00671108U	LCS	PU239	103.7		0.66	PASS
RBK-00671107T	00671107T	RBK	PU238				PASS
RBK-00671107T	00671107T	RBK	PU239				PASS

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MEMORANDUM

DATE: September 12, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 1 water sample collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Alpha and beta particle analyses (EPA National Analytical Radiation Environmental Laboratory Method GR-03) were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The sample was numbered: 13234045

No discrepancies were noted.

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U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
ALPBET ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300060

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Gross Alpha and Beta on Water Samples
Report ID:	1300060-ALPBET
Report type:	Original
Date reported:	07/23/2013
Total pages in report:	12

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06407A	13234045	OR:SALEM	WATER	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 7-23-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

for Cynthia White 7/23/13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

GENERAL INFORMATION (CONTINUED)

GROSS ALPHA AND BETA ANALYSIS

In comparison to the methods employed to determine radionuclide-specific activities, the method used by NAREL to determine gross alpha and beta activities has the potential for greater analytical uncertainty. Although NAREL attempts to estimate the total uncertainty of each result, the analytical method does not admit a rigorous uncertainty analysis. Significant components of the uncertainty must be based on professional judgment and historical data. For this reason results from gross alpha and beta analyses should be used only as gross approximations of the alpha and beta activity present.

Note that NAREL does not automatically qualify individual results from gross alpha/beta measurements, although the values may be significantly overestimated or underestimated in relation to the reported uncertainty.

The 2009 TNI accreditation standard for environmental laboratories (Volume 1, Module 6, 1.7.2.1(b)) does not require method blanks for gross alpha/beta analysis of solid samples. In 2013 NAREL, while considering the TNI requirements, examined historical method blank data from NAREL method GR-03 "Gross Alpha and Beta Analysis of Solid Samples" to assess their usefulness. We decided, effective April 25, 2013, to discontinue method blanks for method GR-03. Method blanks are still required for gross alpha/beta analysis of samples analyzed using other methods (e.g., NAREL GR-01) and for other matrices, such as water.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

ANALYSIS SUMMARY

Analysis method: NAREL GR-01
Title: Gross Alpha and Beta on Water Samples

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06407A	13234045		07/16/2013	0010115G	0017194N
B3.06445G *			07/16/2013	0010115G	0017194N
B3.06445G *		DUP	07/16/2013	0010115G	0017194N
B3.06445G *		MS	07/16/2013	0010115G	0017194N
LCS-00669831V *		LCS	07/16/2013	0010115G	0017194N
RBK-00669832W *		RBK	07/16/2013	0010115G	0017194N

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	2.500e-02 L
Client sample ID:	13234045	Preparation batch #:	0010115G
Matrix:	WATER	Assay batch #:	0017194N
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-01
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 09:34	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	7.11e+00	1.2e+01	7.5e+00	PCI/L	07/16/2013 09:34 CDT
Beta	6.32e+00	1.0e+01	1.6e+01	PCI/L	07/16/2013 09:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06445G	Amount analyzed:	1.000e-01 L
Client sample ID:	N/A	Preparation batch #:	0010115G
Matrix:	WATER-GROUND	Assay batch #:	0017194N
Collected:	2013-06-14 10:00 MDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-01
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300060

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 09:34	100.0	G54B	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	5.25e+00	6.6e+00	4.9e+00	PCI/L	07/16/2013 09:34 CDT
Beta	2.26e+00	2.9e+00	4.3e+00	PCI/L	07/16/2013 09:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06445G	Amount analyzed:	1.000e-01 L
Client sample ID:	N/A	Preparation batch #:	0010115G
Matrix:	WATER-GROUND	Assay batch #:	0017194N
Collected:	2013-06-14 10:00 MDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-01
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300060

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 09:34	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	3.20e+00	6.3e+00	4.0e+00	PCI/L	07/16/2013 09:34 CDT
Beta	1.77e+00	2.8e+00	4.3e+00	PCI/L	07/16/2013 09:34 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06445G	Amount analyzed:	1.000e-01 L
Client sample ID:	N/A	Preparation batch #:	0010115G
Matrix:	WATER-GROUND	Assay batch #:	0017194N
Collected:	2013-06-14 10:00 MDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GR-01
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	MS
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300060

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 11:14	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.63e+02	3.8e+01	4.2e+00	PCI/L	07/16/2013 11:14 CDT
Beta	1.44e+02	1.8e+01	1.1e+01	PCI/L	07/16/2013 11:14 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00669831V	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010115G
Matrix:	N/A	Assay batch #:	0017194N
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GR-01
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 12:54	100.0	G54C	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	1.76e+01	3.9e+00	2.5e-01	PCI	07/16/2013 12:54 CDT
Beta	1.46e+01	1.8e+00	1.1e+00	PCI	07/16/2013 12:54 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00669832W	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010115G
Matrix:	N/A	Assay batch #:	0017194N
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GR-01
Dry/wet weight:	N/A	Analyst:	ARM
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/16/2013 14:35	100.0	G54A	GVJ

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Alpha	3.61e-02	3.5e-01	2.4e-01	PCI	07/16/2013 14:35 CDT
Beta	4.11e-02	2.5e-01	3.9e-01	PCI	07/16/2013 14:35 CDT

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NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300060

PREPARATION BATCH SUMMARY

Preparation batch #: 0010115G
Analysis method: NAREL GR-01
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06407A	13234045	00668646R		N/A		ARM
B3.06445G *		00668208X		N/A		ARM
B3.06445G *		00669829B	DUP	N/A		ARM
B3.06445G *		00669830U	MS	N/A		ARM
LCS-00669831V *		00669831V	LCS	N/A		ARM
RBK-00669832W *		00669832W	RBK	N/A		ARM

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010115G

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06445G	00669829B	DUP	ALPHA		48.5	-0.45	PASS
B3.06445G	00669829B	DUP	BETA		24.3	-0.24	PASS
LCS-00669831V	00669831V	LCS	ALPHA	95.1		-0.47	PASS
LCS-00669831V	00669831V	LCS	BETA	98.5		-0.24	PASS
B3.06445G	00669830U	MS	ALPHA	85.3		-1.39	PASS
B3.06445G	00669830U	MS	BETA	95.5		-0.73	PASS
RBK-00669832W	00669832W	RBK	ALPHA				PASS
RBK-00669832W	00669832W	RBK	BETA				PASS

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
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MEMORANDUM

DATE: September 12, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 1 water sample collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Gamma spectrometry analyses (EPA National Analytical Radiation Environmental Laboratory Method GAM-01) were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The sample was numbered: 13234045

No discrepancies were noted. Sample results qualified "J" by the laboratory to indicate a result that may be significantly under or overestimated were tagged with the bias qualifier "K" by the secondary reviewer to indicate that the estimated results have an unknown bias.

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U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
GAMMA ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300060

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Gamma Spectrometry
Report ID:	1300060-GAMMA
Report type:	Original
Date reported:	07/23/2013
Total pages in report:	11

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06407A	13234045	OR:SALEM	WATER	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 7-23-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

7/23/13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

GENERAL INFORMATION (CONTINUED)

GAMMA ANALYSIS

The reporting format lists the gamma emitters in alphabetical order. The activity, 2-sigma uncertainty, and a sample-specific estimate of the MDC for radionuclides measured by gamma spectroscopy are reported only if the nuclide is detected above background with the exception of client requested nuclides of interest. The activity for each of the requested nuclides is reported whether negative, positive, or zero along with the associated 2-sigma uncertainty and the sample-specific estimate of the MDC.

Due to potential spectral interferences and other possible problems associated with the determination of the activity of certain radionuclides, the activities for ^{214}Bi, ^{214}Pb, ^{234}Th, ^{234m}Pa, ^{226}Ra, ^{231}Th, and ^{235}U are subject to greater uncertainty than other commonly reported radionuclides. It should be noted that this potential uncertainty is not included in the two-sigma expanded uncertainty that is reported with each result. Although in this report we do provide the calculated activities for these radionuclides, we recommend that the results be used only as a qualitative means of indicating the presence of these radionuclides and not as a quantitative measure of their concentration. The results for these nuclides are not used in the evaluation of quality control samples. Furthermore, because of mutual interference between ^{226}Ra and ^{235}U, NAREL's gamma analysis software tends to overestimate the amounts of these nuclides whenever both are present in a sample. Lower estimates for ^{226}Ra activities can be obtained from the reported activities of its decay products, ^{214}Pb and ^{214}Bi, which are likely to be somewhat less than the ^{226}Ra activity because of the potential escape of radon gas.

NAREL's gamma-ray spectrometry software corrects activities and MDCs for decay between collection and analysis, but only up to a limit of twelve half-lives. If the decay time for a sample exceeds twelve half-lives of a radionuclide, that radionuclide is not reported. This software feature may affect results for short-lived radionuclides, such as ^{131}I and ^{140}Ba, when there is a long delay between collection and analysis.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

ANALYSIS SUMMARY

Analysis method: NAREL GAM-01
Title: Gamma Spectrometry

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06407A	13234045		07/13/2013	0010107G	0017188Q
B3.06952X *			07/13/2013	0010107G	0017188Q
B3.06952X *		DUP	07/16/2013	0010107G	0017188Q
LCS-00669596D *		LCS	07/17/2013	0010107G	0017188Q
RBK-00669597E *		RBK	07/18/2013	0010107G	0017188Q

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	3.000e+00 L
Client sample ID:	13234045	Preparation batch #:	0010107G
Matrix:	WATER	Assay batch #:	0017188Q
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01
Dry/wet weight:	N/A	Analyst:	MO
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/13/2013 18:22	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Ba140	6.93e+00	1.6e+01	2.6e+01	PCI/L	06/13/2013 13:00 PDT
Co60	3.29e-01	7.1e-01	1.2e+00	PCI/L	06/13/2013 13:00 PDT
Cs137	-3.79e-01	1.8e+00	1.5e+00	PCI/L	06/13/2013 13:00 PDT
I131	-3.06e+00	1.4e+01	2.4e+01	PCI/L	06/13/2013 13:00 PDT
K40	8.92e-01	1.0e+01	1.8e+01	PCI/L	06/13/2013 13:00 PDT
Ra226 J K	4.10e+00	2.9e+01	4.9e+01	PCI/L	06/13/2013 13:00 PDT
Ra228	2.95e+00	3.8e+00	5.2e+00	PCI/L	06/13/2013 13:00 PDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06952X	Amount analyzed:	1.000e+00 L
Client sample ID:	N/A	Preparation batch #:	0010107G
Matrix:	WATER-SURFACE	Assay batch #:	0017188Q
Collected:	2013-06-10 07:40 CDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01
Dry/wet weight:	N/A	Analyst:	MO
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300060

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/12/2013 16:52	1000.0	GE06	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Ba140		1.51e+01	3.4e+01	5.7e+01	PCI/L	06/10/2013 07:40 CDT
Co60		-2.96e-01	1.7e+01	3.2e+00	PCI/L	06/10/2013 07:40 CDT
Cs137		-6.97e-01	1.7e+00	2.9e+00	PCI/L	06/10/2013 07:40 CDT
I131		-1.16e+00	2.6e+01	4.3e+01	PCI/L	06/10/2013 07:40 CDT
K40		-2.33e+00	2.5e+01	4.2e+01	PCI/L	06/10/2013 07:40 CDT
Ra226	J	9.01e+00	4.0e+01	6.7e+01	PCI/L	06/10/2013 07:40 CDT
Ra228		-2.47e+00	1.1e+01	1.4e+01	PCI/L	06/10/2013 07:40 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06952X	Amount analyzed:	1.000e+00 L
Client sample ID:	N/A	Preparation batch #:	0010107G
Matrix:	WATER-SURFACE	Assay batch #:	0017188Q
Collected:	2013-06-10 07:40 CDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL GAM-01
Dry/wet weight:	N/A	Analyst:	MO
Ash/dry weight:	N/A	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

This sample is not in SDG #1300060

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/15/2013 13:59	1000.0	GE07	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Ba140		9.55e+00	4.8e+01	8.1e+01	PCI/L	06/10/2013 07:40 CDT
Co60		2.49e-01	1.7e+00	2.9e+00	PCI/L	06/10/2013 07:40 CDT
Cs137		1.51e-01	2.1e+00	3.5e+00	PCI/L	06/10/2013 07:40 CDT
I131		-4.42e-01	4.2e+01	7.1e+01	PCI/L	06/10/2013 07:40 CDT
K40		-1.71e+01	3.5e+01	5.2e+01	PCI/L	06/10/2013 07:40 CDT
Ra226	J	1.93e+01	5.0e+01	8.0e+01	PCI/L	06/10/2013 07:40 CDT
Ra228		2.59e-01	1.1e+01	1.8e+01	PCI/L	06/10/2013 07:40 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

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SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00669596D	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010107G
Matrix:	N/A	Assay batch #:	0017188Q
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GAM-01
Dry/wet weight:	N/A	Analyst:	MO
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 16:30	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Bi207	3.72e+03	4.1e+02	7.9e+01	PCI	12/15/2010 11:00 CDT
Eu155	9.02e+02	1.2e+02	9.4e+01	PCI	12/15/2010 11:00 CDT

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NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00669597E	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010107G
Matrix:	N/A	Assay batch #:	0017188Q
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL GAM-01
Dry/wet weight:	N/A	Analyst:	MO
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/17/2013 21:33	300.0	GE14	MO

ANALYTICAL RESULTS

Analyte		Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Ba140		3.74e+00	1.2e+01	2.1e+01	PCI	07/11/2013 07:00 CDT
Bi214	J	1.97e+01	8.0e+00	1.0e+01	PCI	07/11/2013 07:00 CDT
Co60		2.85e-01	2.0e+00	3.5e+00	PCI	07/11/2013 07:00 CDT
Cs137		8.73e-02	2.2e+00	3.9e+00	PCI	07/11/2013 07:00 CDT
I131		2.72e+00	5.5e+00	9.1e+00	PCI	07/11/2013 07:00 CDT
K40		3.46e+00	3.0e+01	5.2e+01	PCI	07/11/2013 07:00 CDT
Pb212	J	9.38e+00	6.0e+00	9.2e+00	PCI	07/11/2013 07:00 CDT
Pb214	J	1.49e+01	8.2e+00	1.1e+01	PCI	07/11/2013 07:00 CDT
Ra226	J	9.07e-01	8.5e+01	1.5e+02	PCI	07/11/2013 07:00 CDT
Ra228		2.63e+00	9.4e+00	1.5e+01	PCI	07/11/2013 07:00 CDT
Tl208	J	6.76e+00	4.2e+00	5.2e+00	PCI	07/11/2013 07:00 CDT

Note: A "J" qualifier indicates a result that may be significantly under or overestimated.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300060

PREPARATION BATCH SUMMARY

Preparation batch #: 0010107G
Analysis method: NAREL GAM-01
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06407A	13234045	00668165D		N/A		MO
B3.06952X *		00669226D		N/A		MO
B3.06952X *		00669595C	DUP	N/A		MO
LCS-00669596D *		00669596D	LCS	N/A		MO
RBK-00669597E *		00669597E	RBK	N/A		MO

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010107G

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06952X	00669595C	DUP	BA140		45.3	-0.19	PASS
B3.06952X	00669595C	DUP	CO60		-2325.2	0.06	PASS
B3.06952X	00669595C	DUP	CS137		-310.7	0.63	PASS
B3.06952X	00669595C	DUP	I131		-89.7	0.03	PASS
B3.06952X	00669595C	DUP	K40		-151.9	-0.69	PASS
B3.06952X	00669595C	DUP	RA226		72.9	0.32	PASS-J
B3.06952X	00669595C	DUP	RA228		-246.8	0.34	PASS
LCS-00669596D	00669596D	LCS	BI207	94.1		-1.06	PASS
LCS-00669596D	00669596D	LCS	EU155	105.3		0.67	PASS
RBK-00669597E	00669597E	RBK	BA140				PASS
RBK-00669597E	00669597E	RBK	BI214				HIGH-J
RBK-00669597E	00669597E	RBK	CO60				PASS
RBK-00669597E	00669597E	RBK	CS137				PASS
RBK-00669597E	00669597E	RBK	I131				PASS
RBK-00669597E	00669597E	RBK	K40				PASS
RBK-00669597E	00669597E	RBK	PB212				HIGH-J
RBK-00669597E	00669597E	RBK	PB214				HIGH-J
RBK-00669597E	00669597E	RBK	RA226				PASS-J
RBK-00669597E	00669597E	RBK	RA228				PASS
RBK-00669597E	00669597E	RBK	TL208				HIGH-J

Note: Results qualified with -J may be significantly under or over-estimated and are not evaluated for QC purposes.

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Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: September 10, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 1 water sample collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Uranium-234, -235, and -238, Thorium-227, -228, -230, and -232, Plutonium-238 and -239, and Americium-241 (EPA National Analytical Radiation Environmental Laboratory Methods U-EICHROM, TH-EICHROM, PU-EICHROM, and AM-EICHROM, respectively) analyses were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The sample was numbered: 13234045

No discrepancies were noted.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

August 1, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached are data packages for isotopic uranium, thorium, plutonium, and americium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300060.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
U ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300060

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Uranium) by Extraction Chromatography
Report ID:	1300060-U
Report type:	Original
Date reported:	07/30/2013
Total pages in report:	9

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06407A	13234045	OR:SALEM	WATER	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

for _____ 8/1/13
Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

_____ 8-1-13
Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

ANALYSIS SUMMARY

Analysis method: NAREL U-EICHROM
Title: Actinides (Uranium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06407A	13234045		07/25/2013	0010143L	0017228F
B3.06407A	13234045	DUP	07/25/2013	0010143L	0017228F
LCS-00670507B *		LCS	07/25/2013	0010143L	0017228F
RBK-00670506A *		RBK	07/25/2013	0010143L	0017228F

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010143L
Matrix:	WATER	Assay batch #:	0017228F
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:13	1000.0	AS35	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	3.11e-02	1.2e-01	2.2e-01	PCI/L	07/24/2013 15:13 CDT
U235	6.20e-02	1.6e-01	2.9e-01	PCI/L	07/24/2013 15:13 CDT
U238	5.18e-02	1.3e-01	2.4e-01	PCI/L	07/24/2013 15:13 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010143L
Matrix:	WATER	Assay batch #:	0017228F
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:13	1000.0	AS38	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	5.98e-02	1.3e-01	2.2e-01	PCI/L	07/24/2013 15:13 CDT
U235	5.97e-02	1.3e-01	2.1e-01	PCI/L	07/24/2013 15:13 CDT
U238	4.99e-02	1.1e-01	1.7e-01	PCI/L	07/24/2013 15:13 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00670507B	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010143L
Matrix:	N/A	Assay batch #:	0017228F
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:13	1000.0	AS40	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	1.86e+00	2.1e-01	1.2e-02	PCI	07/24/2013 15:13 CDT
U235	1.04e-01	4.2e-02	2.4e-02	PCI	07/24/2013 15:13 CDT
U238	2.12e+00	2.3e-01	1.8e-02	PCI	07/24/2013 15:13 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00670506A	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010143L
Matrix:	N/A	Assay batch #:	0017228F
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL U-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:13	1000.0	AS82	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
U234	3.18e-03	1.2e-02	2.3e-02	PCI	07/24/2013 15:13 CDT
U235	-2.54e-03	8.8e-03	2.5e-02	PCI	07/24/2013 15:13 CDT
U238	5.30e-03	1.1e-02	1.8e-02	PCI	07/24/2013 15:13 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300060

PREPARATION BATCH SUMMARY

Preparation batch #: 0010143L
Analysis method: NAREL U-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06407A	13234045	00669815V		90.82 %	7.99 %	PMT
B3.06407A	13234045	00670505Z	DUP	95.80 %	8.35 %	PMT
LCS-00670507B *		00670507B	LCS	96.62 %	8.27 %	PMT
RBK-00670506A *		00670506A	RBK	90.14 %	7.98 %	PMT

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QC RESULTS FOR BATCH 0010143L

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06407A	00670505Z	DUP	U234		63.3	0.34	PASS
B3.06407A	00670505Z	DUP	U235		3.8	-0.02	PASS
B3.06407A	00670505Z	DUP	U238		3.8	-0.02	PASS
LCS-00670507B	00670507B	LCS	U234	94.7		-0.99	PASS
LCS-00670507B	00670507B	LCS	U235	110.9		0.49	PASS
LCS-00670507B	00670507B	LCS	U238	104.0		0.70	PASS
RBK-00670506A	00670506A	RBK	U234				PASS
RBK-00670506A	00670506A	RBK	U235				PASS
RBK-00670506A	00670506A	RBK	U238				PASS

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
TH ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300060

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Thorium) by Extraction Chromatography
Report ID:	1300060-TH
Report type:	Original
Date reported:	07/30/2013
Total pages in report:	9

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06407A	13234045	OR:SALEM	WATER	06/13/2013	06/18/2013

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for Mary F. Wisdom — Date: 8/1/13
Quality Assurance Manager, NAREL

Cynthia White — Date: 8-1-13
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

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BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

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MSD	Matrix spike duplicate
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RADIOCHEMICAL DATA

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EVALUATION OF QC ANALYSES

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U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

ANALYSIS SUMMARY

Analysis method: NAREL TH-EICHROM
Title: Actinides (Thorium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06407A	13234045		07/25/2013	0010142K	0017227E
B3.06407A	13234045	DUP	07/25/2013	0010142K	0017227E
LCS-00670504Y *		LCS	07/25/2013	0010142K	0017227E
RBK-00670503X *		RBK	07/25/2013	0010142K	0017227E

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010142K
Matrix:	WATER	Assay batch #:	0017227E
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:21	1000.0	AS83	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	-1.82e-02	1.2e-01	3.1e-01	PCI/L	07/23/2013 10:45 CDT
Th228	3.05e-01	2.3e-01	2.8e-01	PCI/L	07/23/2013 10:45 CDT
Th230	1.97e-02	8.8e-02	1.7e-01	PCI/L	07/23/2013 10:45 CDT
Th232	0.00e+00	9.2e-02	2.1e-01	PCI/L	07/23/2013 10:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010142K
Matrix:	WATER	Assay batch #:	0017227E
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:21	1000.0	AS84	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	0.00e+00	1.1e-01	2.3e-01	PCI/L	07/23/2013 10:45 CDT
Th228	1.84e-01	1.7e-01	1.9e-01	PCI/L	07/23/2013 10:45 CDT
Th230	0.00e+00	6.1e-02	1.3e-01	PCI/L	07/23/2013 10:45 CDT
Th232	7.75e-02	1.2e-01	1.7e-01	PCI/L	07/23/2013 10:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00670504Y	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010142K
Matrix:	N/A	Assay batch #:	0017227E
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:21	1000.0	AS85	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	1.85e-03	1.7e-02	3.6e-02	PCI	07/23/2013 10:45 CDT
Th228	3.50e-02	2.2e-02	1.7e-02	PCI	07/23/2013 10:45 CDT
Th230	2.09e+00	1.9e-01	1.3e-02	PCI	07/23/2013 10:45 CDT
Th232	2.90e-02	2.0e-02	1.7e-02	PCI	07/23/2013 10:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00670503X	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010142K
Matrix:	N/A	Assay batch #:	0017227E
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL TH-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:21	1000.0	AS86	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Th227	0.00e+00	1.2e-02	2.4e-02	PCI	07/23/2013 10:45 CDT
Th228	4.08e-02	2.6e-02	2.9e-02	PCI	07/23/2013 10:45 CDT
Th230	6.12e-03	1.1e-02	1.3e-02	PCI	07/23/2013 10:45 CDT
Th232	4.07e-03	1.1e-02	2.0e-02	PCI	07/23/2013 10:45 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300060

PREPARATION BATCH SUMMARY

Preparation batch #: 0010142K
Analysis method: NAREL TH-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06407A	13234045	00669816W		97.12 %	3.33 %	PMT
B3.06407A	13234045	00670502W	DUP	98.92 %	3.39 %	PMT
LCS-00670504Y *		00670504Y	LCS	98.07 %	3.37 %	PMT
RBK-00670503X *		00670503X	RBK	97.30 %	3.33 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010142K

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06407A	00670502W	DUP	TH227		-200.0	0.22	PASS
B3.06407A	00670502W	DUP	TH228		49.3	-0.85	PASS
B3.06407A	00670502W	DUP	TH230		200.0	-0.37	PASS
B3.06407A	00670502W	DUP	TH232		200.0	1.03	PASS
LCS-00670504Y	00670504Y	LCS	TH230	103.5		0.73	PASS
RBK-00670503X	00670503X	RBK	TH227				PASS
RBK-00670503X	00670503X	RBK	TH228				PASS
RBK-00670503X	00670503X	RBK	TH230				PASS
RBK-00670503X	00670503X	RBK	TH232				PASS

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
PU ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300060

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Plutonium) by Extraction Chromatography
Report ID:	1300060-PU
Report type:	Original
Date reported:	07/30/2013
Total pages in report:	9

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06407A	13234045	OR:SALEM	WATER	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
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QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

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for Mary F. Wisdom — Date: 8/1/13
Quality Assurance Manager, NAREL

Cynthia White — Date: 8-1-13
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference.

The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

ANALYSIS SUMMARY

Analysis method: NAREL PU-EICHROM
Title: Actinides (Plutonium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06407A	13234045		07/25/2013	0010141J	0017229G
B3.06407A	13234045	DUP	07/25/2013	0010141J	0017229G
LCS-00670501V *		LCS	07/25/2013	0010141J	0017229G
RBK-00670500U *		RBK	07/25/2013	0010141J	0017229G

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010141J
Matrix:	WATER	Assay batch #:	0017229G
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:30	1000.0	AS97	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-3.07e-02	7.4e-02	2.2e-01	PCI/L	07/24/2013 15:30 CDT
Pu239	2.05e-02	9.2e-02	1.8e-01	PCI/L	07/24/2013 15:30 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010141J
Matrix:	WATER	Assay batch #:	0017229G
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:30	1000.0	AS98	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-9.92e-03	9.5e-02	2.3e-01	PCI/L	07/24/2013 15:30 CDT
Pu239	1.19e-01	1.3e-01	1.3e-01	PCI/L	07/24/2013 15:30 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00670501V	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010141J
Matrix:	N/A	Assay batch #:	0017229G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:30	1000.0	AS99	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	2.07e-02	2.1e-02	2.8e-02	PCI	07/24/2013 15:30 CDT
Pu239	2.31e+00	2.5e-01	2.4e-02	PCI	07/24/2013 15:30 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00670500U	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010141J
Matrix:	N/A	Assay batch #:	0017229G
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:31	1000.0	AS100	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	0.00e+00	1.1e-02	2.5e-02	PCI	07/24/2013 15:31 CDT
Pu239	1.46e-02	1.4e-02	1.3e-02	PCI	07/24/2013 15:31 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300060

PREPARATION BATCH SUMMARY

Preparation batch #: 0010141J
Analysis method: NAREL PU-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06407A	13234045	00669814U		92.09 %	7.68 %	PMT
B3.06407A	13234045	00670499V	DUP	94.46 %	7.77 %	PMT
LCS-00670501V *		00670501V	LCS	91.28 %	7.64 %	PMT
RBK-00670500U *		00670500U	RBK	98.26 %	8.03 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010141J

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06407A	00670499V	DUP	PU238		-102.4	0.35	PASS
B3.06407A	00670499V	DUP	PU239		141.3	1.21	PASS
LCS-00670501V	00670501V	LCS	PU239	108.3		1.31	PASS
RBK-00670500U	00670500U	RBK	PU238				PASS
RBK-00670500U	00670500U	RBK	PU239				WARN

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
AM ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300060

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Americium-241) by Extraction Chromatography
Report ID:	1300060-AM
Report type:	Original
Date reported:	07/30/2013
Total pages in report:	9

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06407A	13234045	OR:SALEM	WATER	06/13/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

for Mary F. Wisdom — 8/1/13
Quality Assurance Manager, NAREL — Date

Cynthia White — 8-1-13
Director, Center for Environmental Radioanalytical Laboratory Science — Date

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample (blank spike)
MS	Matrix spike
MSD	Matrix spike duplicate
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

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NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. The score is considered acceptable if its absolute value is not greater than 3.

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The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference. When the precision of paired MS/MSD analyses is evaluated, the native sample activity is subtracted from each measured value and the net concentrations are then converted to total activities before the *Z* score is computed.

Each standard uncertainty used to compute a *Z* score includes an additional fixed term to represent sources of measurement error other than counting error. This additional term is not used in the evaluation of method blanks.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

ANALYSIS SUMMARY

Analysis method: NAREL AM-EICHROM
Title: Actinides (Americium-241) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06407A	13234045		07/25/2013	0010144M	0017231A
B3.06407A	13234045	DUP	07/25/2013	0010144M	0017231A
LCS-00670511X *		LCS	07/25/2013	0010144M	0017231A
RBK-00670510W *		RBK	07/25/2013	0010144M	0017231A

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010144M
Matrix:	WATER	Assay batch #:	0017231A
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:59	1000.0	AS122	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	1.15e-01	1.8e-01	2.5e-01	PCI/L	07/24/2013 15:59 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06407A	Amount analyzed:	1.000e-01 L
Client sample ID:	13234045	Preparation batch #:	0010144M
Matrix:	WATER	Assay batch #:	0017231A
Collected:	2013-06-13 13:00 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:59	1000.0	AS124	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	-4.52e-02	1.1e-01	3.3e-01	PCI/L	07/24/2013 15:59 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00670511X	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010144M
Matrix:	N/A	Assay batch #:	0017231A
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:59	1000.0	AS125	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	2.24e+00	2.4e-01	2.3e-02	PCI	07/24/2013 15:59 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300060

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00670510W	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010144M
Matrix:	N/A	Assay batch #:	0017231A
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL AM-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
07/24/2013 15:59	1000.0	AS127	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Am241	0.00e+00	1.7e-02	3.8e-02	PCI	07/24/2013 15:59 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300060

PREPARATION BATCH SUMMARY

Preparation batch #: 0010144M
Analysis method: NAREL AM-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06407A	13234045	00669813T		63.93 %	5.96 %	PMT
B3.06407A	13234045	00670509D	DUP	63.69 %	6.06 %	PMT
LCS-00670511X *		00670511X	LCS	87.45 %	7.28 %	PMT
RBK-00670510W *		00670510W	RBK	64.48 %	6.04 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010144M

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06407A	00670509D	DUP	AM241		458.9	-1.54	PASS
LCS-00670511X	00670511X	LCS	AM241	105.3		0.91	PASS
RBK-00670510W	00670510W	RBK	AM241				PASS

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: September 6, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Radiological Analyses Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 17 soil and 3 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Plutonium (EPA National Analytical Radiation Environmental Laboratory method PU-EICHROM) analyses were performed by the National Analytical Radiation Environmental Laboratory, Montgomery, Alabama. Exception reports were issued by the laboratory for all sample results.

The samples were numbered:

13234000	13234001	13234002	13234003	13234004	13234005
13234006	13234007	13234008	13234010	13234011	13234014
13234015	13234019	13234021	13234022	13234024	13234026
13234027	13234032				

No discrepancies were noted.

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

September 5, 2013

MEMORANDUM

SUBJECT: Radiochemical Results for West Salem Samples

FROM: for Cynthia White, Director
Center for Environmental Radioanalytical Laboratory Science

TO: Jennifer Crawford, QA Chemist
Region 10

Attached is a data package for isotopic plutonium analysis of samples collected from the West Salem Preliminary Assessments in Salem, OR. The samples constitute NAREL batch number 1300058. Also attached is a data package for strontium analysis of NAREL batch number 1300059.

Specific information concerning all aspects of the radiological analysis of the samples is contained in the batch case narratives of the data packages. If you have any questions concerning the analytical results, please contact me at (334)270-7052.

Due to a reorganization within the Office of Radiation and Indoor Air, the National Air and Radiation Environmental Laboratory is now called the National Analytical Radiation Environmental Laboratory (acronym remains the same, NAREL).

Attachments

U.S.ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY
540 S. MORRIS AVE., MONTGOMERY, AL 36115
PU ANALYSES

REPORT OF SAMPLE DELIVERY GROUP #1300058

Project:	West Salem Preliminary Assessments, Salem, Oregon
Analysis method:	Actinides (Plutonium) by Extraction Chromatography
Report ID:	1300058-PU
Report type:	Original
Date reported:	09/04/2013
Total pages in report:	32

SAMPLES

NAREL Sample #	Client Sample ID	Location	Matrix	Date Collected	Date Received
B3.06382J	13234000	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06383K	13234001	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06384L	13234003	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06385M	13234005	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06386N	13234007	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06387P	13234002	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06388Q	13234004	OR:SALEM	SOIL	06/10/2013	06/14/2013
B3.06389R	13234006	OR:SALEM	SEDIMENT	06/10/2013	06/14/2013
B3.06390J	13234019	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06391K	13234021	OR:SALEM	SOIL	06/12/2013	06/14/2013
B3.06392L	13234022	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06393M	13234024	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06394N	13234026	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06395P	13234027	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06396Q	13234032	OR:SALEM	SOIL	06/11/2013	06/14/2013
B3.06397R	13234008	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06398T	13234010	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06399U	13234011	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06400T	13234014	OR:SALEM	SOIL	06/12/2013	06/18/2013
B3.06401U	13234015	OR:SALEM	SOIL	06/14/2013	06/18/2013

EXCEPTIONS

1. **Packaging and shipping** – No problems were observed.
2. **Documentation** – There were no collection times listed on the chain of custody, but collection times were on the sample container labels for samples B3.06397 through B3.06401. NAREL used the collection times from the labels.
3. **Sample preparation** – No problems were encountered.
4. **Analysis** – No problems were encountered.
5. **Holding times** – No holding times were specified.

QUALITY CONTROL

1. **QC samples** – All QC analysis results met NAREL acceptance criteria.
2. **Yields** – All chemical yields were within acceptance limits.
3. **Instruments** – Response and background checks for all instruments used in these analyses met NAREL acceptance criteria.

ACCREDITATION

All analyses included in this data package are accredited by the Oregon Environmental Laboratory Accreditation Program (ORELAP) to the TNI standard.

CERTIFICATION

I certify that this data report complies with the terms and conditions of the Quality Assurance Project Plan, except as noted above. Release of the data contained in this report has been authorized by the Director of the Center for Environmental Radioanalytical Laboratory Science and the NAREL Quality Assurance Manager, or their designees, as verified by the following signatures.

Mary Wisdom 9-5-13

Mary F. Wisdom — Date
Quality Assurance Manager, NAREL

for Kirk J. McLean 9/5/13

Cynthia White — Date
Director, Center for Environmental Radioanalytical Laboratory Science

GENERAL INFORMATION

SAMPLE TYPES

BLD	Blind sample
FBK	Field blank
SAM	Normal sample

ANALYSIS QC TYPES

ANA	Normal analysis
DUP	Laboratory duplicate
LCS	Laboratory control sample, or blank spike
MS	Matrix spike
MSD	Matrix spike duplicate (not currently analyzed)
RBK	Method blank
STD	External standard (used for ^{228}Ra yield determination)

QUALITY INDICATORS

RPD	Relative Percent Difference
%R	Percent Recovery
Z	Number of standard deviations by which a QC measurement differs from the expected value

RADIOCHEMICAL DATA

Radiochemical analyses usually require the subtraction of an instrument background measurement result from a gross sample measurement result. Both values are positive, but when the sample activity is low, random variations in the two measurements can cause the gross value to be less than the background, resulting in a measured activity less than zero. Although negative activities have no physical significance, they do have statistical importance, as for example in the evaluation of trends or the comparison of two groups of samples.

To the extent practical, it is the policy of NAREL to report results as generated, whether positive, negative, or zero, together with the "2-sigma" measurement uncertainty and a sample-specific estimate of the minimum detectable concentration (MDC). The measurement result, uncertainty, and MDC are always expressed in the same unit of measurement.

EVALUATION OF QC ANALYSES

A method blank result is considered unacceptable if it is more than 3 standard deviations below zero or more than 3 standard deviations above a predetermined upper control limit. For some analyses NAREL has set the upper control limit at zero. For others the control limit is a small positive number.

NAREL evaluates the results of duplicate and spike analyses using "*Z* scores." A *Z* score is the number of standard deviations by which the QC result differs from its ideal value. Generally the score is considered acceptable if its absolute value is not greater than 3.

The *Z* score for a spiked sample is computed by dividing the difference between the measured value and the target value by the combined standard uncertainty of the difference. The *Z* score for a duplicate analysis is computed by dividing the difference between the two measured values by the combined standard uncertainty of the difference.

NAREL reports the "relative percent difference," or RPD, between duplicate results and the "percent recovery," or %R, for spiked analyses, but does not use these values for evaluation of most analyses. An exception is the use of %R in the evaluation of gross alpha matrix spike results. A gross alpha matrix spike result is considered acceptable if either $|Z| \leq 3$ or $60 \leq \%R \leq 110$.

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

ANALYSIS SUMMARY

Analysis method: NAREL PU-EICHROM
Title: Actinides (Plutonium) by Extraction Chromatography

NAREL Sample #	Client Sample ID	QC Type	Date Completed	Preparation Batch #	Assay Batch #
B3.06382J	13234000		08/28/2013	0010265W	0017345K
B3.06383K	13234001		08/28/2013	0010265W	0017345K
B3.06384L	13234003		08/28/2013	0010265W	0017345K
B3.06384L	13234003	DUP	08/28/2013	0010265W	0017345K
B3.06385M	13234005		08/28/2013	0010265W	0017345K
B3.06386N	13234007		08/28/2013	0010265W	0017345K
B3.06387P	13234002		08/28/2013	0010265W	0017345K
B3.06388Q	13234004		08/28/2013	0010265W	0017345K
B3.06389R	13234006		08/28/2013	0010265W	0017345K
B3.06390J	13234019		08/28/2013	0010265W	0017345K
B3.06391K	13234021		08/28/2013	0010265W	0017345K
B3.06392L	13234022		08/28/2013	0010265W	0017345K
B3.06393M	13234024		08/28/2013	0010265W	0017345K
B3.06394N	13234026		08/28/2013	0010265W	0017345K
B3.06395P	13234027		08/02/2013	0010169X	0017255J
B3.06395P	13234027	DUP	08/02/2013	0010169X	0017255J
B3.06396Q	13234032		08/02/2013	0010169X	0017255J
B3.06397R	13234008		08/02/2013	0010169X	0017255J
B3.06398T	13234010		08/02/2013	0010169X	0017255J
B3.06399U	13234011		08/02/2013	0010169X	0017255J
B3.06400T	13234014		08/02/2013	0010169X	0017255J
B3.06401U	13234015		08/02/2013	0010169X	0017255J
LCS-00671108U *		LCS	08/02/2013	0010169X	0017255J
RBK-00671107T *		RBK	08/02/2013	0010169X	0017255J
LCS-00672861B *		LCS	08/28/2013	0010265W	0017345K
RBK-00672860A *		RBK	08/28/2013	0010265W	0017345K

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06382J	Amount analyzed:	2.589e-01 GASH
Client sample ID:	13234000	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-10 16:24 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	92.72 %	Analyst:	AS
Ash/dry weight:	94.54 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS97	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-3.74e-03	2.5e-02	6.4e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	2.99e-02	4.6e-02	6.4e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06383K	Amount analyzed:	2.515e-01 GASH
Client sample ID:	13234001	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-10 16:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	90.84 %	Analyst:	AS
Ash/dry weight:	93.85 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS98	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-1.51e-02	2.8e-02	8.8e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	3.77e-03	3.5e-02	7.4e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.538e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS99	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.63e-02	5.3e-02	1.0e-01	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	2.44e-02	5.1e-02	8.8e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06384L	Amount analyzed:	2.533e-01 GASH
Client sample ID:	13234003	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-10 17:11 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	91.38 %	Analyst:	AS
Ash/dry weight:	94.64 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS100	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	7.82e-03	4.4e-02	9.2e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	3.91e-03	3.6e-02	7.7e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06385M	Amount analyzed:	2.503e-01 GASH
Client sample ID:	13234005	Preparation batch #:	0010265W
Matrix:	SEDIMENT	Assay batch #:	0017345K
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	89.15 %	Analyst:	AS
Ash/dry weight:	97.35 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS101	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-8.56e-03	4.2e-02	1.1e-01	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	3.00e-02	5.4e-02	8.5e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06386N	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234007	Preparation batch #:	0010265W
Matrix:	SEDIMENT	Assay batch #:	0017345K
Collected:	2013-06-10 18:58 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	68.03 %	Analyst:	AS
Ash/dry weight:	95.39 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS103	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	2.38e-02	5.4e-02	9.8e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	0.00e+00	3.2e-02	7.4e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06387P	Amount analyzed:	2.570e-01 GASH
Client sample ID:	13234002	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-10 17:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	89.87 %	Analyst:	AS
Ash/dry weight:	90.34 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS104	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	0.00e+00	4.9e-02	1.1e-01	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	9.74e-02	7.4e-02	7.8e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06388Q	Amount analyzed:	2.567e-01 GASH
Client sample ID:	13234004	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-10 17:51 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	74.51 %	Analyst:	AS
Ash/dry weight:	95.71 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS105	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	3.74e-02	5.2e-02	7.4e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	7.48e-03	3.3e-02	6.4e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06389R	Amount analyzed:	2.525e-01 GASH
Client sample ID:	13234006	Preparation batch #:	0010265W
Matrix:	SEDIMENT	Assay batch #:	0017345K
Collected:	2013-06-10 18:17 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	76.24 %	Analyst:	AS
Ash/dry weight:	97.88 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS107	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	2.70e-02	4.8e-02	7.6e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	4.24e-02	5.3e-02	6.6e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06390J	Amount analyzed:	2.510e-01 GASH
Client sample ID:	13234019	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-12 10:25 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	88.27 %	Analyst:	AS
Ash/dry weight:	96.12 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS109	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	2.78e-02	5.7e-02	9.9e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	-1.19e-02	4.0e-02	1.0e-01	PCI/GDRY	08/27/2013 16:15 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06391K	Amount analyzed:	2.571e-01 GASH
Client sample ID:	13234021	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-12 11:30 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	88.60 %	Analyst:	AS
Ash/dry weight:	96.84 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS110	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	2.09e-02	4.4e-02	7.6e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	2.09e-02	4.4e-02	7.6e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06392L	Amount analyzed:	2.524e-01 GASH
Client sample ID:	13234022	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-11 11:02 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	78.37 %	Analyst:	AS
Ash/dry weight:	94.22 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS112	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.17e-02	4.4e-02	8.5e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	3.91e-02	5.4e-02	7.7e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06393M	Amount analyzed:	2.501e-01 GASH
Client sample ID:	13234024	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-11 14:20 UTC	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	74.59 %	Analyst:	AS
Ash/dry weight:	91.52 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS113	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	6.37e-03	4.2e-02	8.8e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	-3.19e-03	3.1e-02	7.5e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06394N	Amount analyzed:	2.572e-01 GASH
Client sample ID:	13234026	Preparation batch #:	0010265W
Matrix:	SOIL	Assay batch #:	0017345K
Collected:	2013-06-11 15:10 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	92.94 %	Analyst:	AS
Ash/dry weight:	97.06 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS114	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	8.57e-03	3.7e-02	7.5e-02	PCI/GDRY	08/27/2013 16:15 CDT
Pu239	8.57e-03	2.5e-02	3.7e-02	PCI/GDRY	08/27/2013 16:15 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.730e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS122	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-2.56e-02	3.0e-02	1.0e-01	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	1.46e-02	4.0e-02	7.2e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06395P	Amount analyzed:	2.781e-01 GASH
Client sample ID:	13234027	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-11 16:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	81.76 %	Analyst:	PMT
Ash/dry weight:	92.73 %	QC type:	DUP
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS123	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.09e-02	5.4e-02	1.1e-01	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	1.82e-02	3.9e-02	6.3e-02	PCI/GDRY	08/01/2013 17:20 CDT

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SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06396Q	Amount analyzed:	2.529e-01 GASH
Client sample ID:	13234032	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-11 12:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	76.23 %	Analyst:	PMT
Ash/dry weight:	96.97 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS124	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	7.85e-03	4.4e-02	9.2e-02	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	1.96e-02	4.2e-02	6.8e-02	PCI/GDRY	08/01/2013 17:20 CDT

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SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06397R	Amount analyzed:	2.501e-01 GASH
Client sample ID:	13234008	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-12 14:55 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	91.83 %	Analyst:	PMT
Ash/dry weight:	96.09 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS125	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	0.00e+00	4.9e-02	1.1e-01	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	2.11e-02	4.6e-02	7.3e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06398T	Amount analyzed:	2.700e-01 GASH
Client sample ID:	13234010	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-12 15:50 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	90.74 %	Analyst:	PMT
Ash/dry weight:	96.45 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS127	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2·σ Uncertainty	MDC	Unit	Reference Date
Pu238	-1.53e-02	2.9e-02	9.0e-02	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	2.29e-02	4.1e-02	5.0e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06399U	Amount analyzed:	2.586e-01 GASH
Client sample ID:	13234011	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-12 17:35 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	93.32 %	Analyst:	PMT
Ash/dry weight:	96.75 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS128	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-2.40e-02	4.2e-02	1.2e-01	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	2.00e-02	4.3e-02	6.9e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06400T	Amount analyzed:	2.568e-01 GASH
Client sample ID:	13234014	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-12 19:14 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	97.38 %	Analyst:	PMT
Ash/dry weight:	93.78 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS129	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	0.00e+00	2.7e-02	6.2e-02	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	2.86e-02	4.0e-02	5.6e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	B3.06401U	Amount analyzed:	2.644e-01 GASH
Client sample ID:	13234015	Preparation batch #:	0010169X
Matrix:	SOIL	Assay batch #:	0017255J
Collected:	2013-06-14 13:20 PDT	Prep procedure:	N/A
Sample type:	SAM	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	83.99 %	Analyst:	PMT
Ash/dry weight:	87.81 %	QC type:	ANA
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS130	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-1.34e-02	2.8e-02	7.7e-02	PCI/GDRY	08/01/2013 17:20 CDT
Pu239	1.34e-02	2.9e-02	4.6e-02	PCI/GDRY	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00671108U	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010169X
Matrix:	N/A	Assay batch #:	0017255J
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS140	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	1.54e-02	1.5e-02	2.0e-02	PCI	08/01/2013 17:20 CDT
Pu239	2.22e+00	2.1e-01	1.9e-02	PCI	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00671107T	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010169X
Matrix:	N/A	Assay batch #:	0017255J
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	PMT
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/01/2013 17:20	1000.0	AS143	JEA

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	3.25e-03	1.1e-02	2.0e-02	PCI	08/01/2013 17:20 CDT
Pu239	8.13e-04	7.5e-03	1.6e-02	PCI	08/01/2013 17:20 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	LCS-00672861B	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010265W
Matrix:	N/A	Assay batch #:	0017345K
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	LCS
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS115	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	8.33e-03	1.4e-02	2.4e-02	PCI	08/27/2013 16:15 CDT
Pu239	2.26e+00	2.2e-01	1.1e-02	PCI	08/27/2013 16:15 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG #1300058

SAMPLE ANALYSIS REPORT

Lab sample #:	RBK-00672860A	Amount analyzed:	1.000e+00 SAMP
Client sample ID:	N/A	Preparation batch #:	0010265W
Matrix:	N/A	Assay batch #:	0017345K
Collected:	N/A	Prep procedure:	N/A
Sample type:	N/A	Analysis method:	NAREL PU-EICHROM
Dry/wet weight:	N/A	Analyst:	AS
Ash/dry weight:	N/A	QC type:	RBK
Sample description:	N/A		
Comment:	N/A		

COUNTING INFORMATION

Date and time	Duration (min)	Detector ID	Operator
08/27/2013 16:15	1000.0	AS117	RCL

ANALYTICAL RESULTS

Analyte	Activity	± 2 σ Uncertainty	MDC	Unit	Reference Date
Pu238	-7.49e-03	7.3e-03	2.5e-02	PCI	08/27/2013 16:15 CDT
Pu239	6.65e-03	1.0e-02	1.4e-02	PCI	08/27/2013 16:15 CDT

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010169X
Analysis method: NAREL PU-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06395P	13234027	00669754Z		85.42 %	7.26 %	PMT
B3.06395P	13234027	00671106R	DUP	84.41 %	7.22 %	PMT
B3.06396Q	13234032	00669759E		93.67 %	7.82 %	PMT
B3.06397R	13234008	00669764B		86.08 %	7.38 %	PMT
B3.06398T	13234010	00669769G		87.64 %	7.44 %	PMT
B3.06399U	13234011	00669774D		85.28 %	7.23 %	PMT
B3.06400T	13234014	00669779J		91.73 %	6.69 %	PMT
B3.06401U	13234015	00669784F		90.57 %	6.70 %	PMT
LCS-00671108U *		00671108U	LCS	90.56 %	6.71 %	PMT
RBK-00671107T *		00671107T	RBK	88.61 %	6.57 %	PMT

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010169X

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06395P	00671106R	DUP	PU238		-498.1	1.18	PASS
B3.06395P	00671106R	DUP	PU239		21.9	0.13	PASS
LCS-00671108U	00671108U	LCS	PU239	103.7		0.66	PASS
RBK-00671107T	00671107T	RBK	PU238				PASS
RBK-00671107T	00671107T	RBK	PU239				PASS

U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL ANALYTICAL RADIATION ENVIRONMENTAL LABORATORY

SDG 1300058

PREPARATION BATCH SUMMARY

Preparation batch #: 0010265W
Analysis method: NAREL PU-EICHROM
Preparation procedure: N/A

NAREL Sample #	Client Sample ID	Analysis #	QC Type	Yield	± 2 σ Uncertainty	Analyst
B3.06382J	13234000	00669685D		92.22 %	7.68 %	AS
B3.06383K	13234001	00669691B		92.80 %	7.69 %	AS
B3.06384L	13234003	00669696G		86.71 %	7.42 %	AS
B3.06384L	13234003	00672859H	DUP	91.19 %	7.67 %	AS
B3.06385M	13234005	00669701K		86.78 %	7.46 %	AS
B3.06386N	13234007	00669706Q		102.94 %	8.25 %	AS
B3.06387P	13234002	00669711M		91.55 %	7.64 %	AS
B3.06388Q	13234004	00669716T		84.87 %	6.84 %	AS
B3.06389R	13234006	00669721P		84.04 %	6.74 %	AS
B3.06390J	13234019	00669726V		83.54 %	6.83 %	AS
B3.06391K	13234021	00669732T		105.28 %	8.45 %	AS
B3.06392L	13234022	00669739A		90.30 %	7.60 %	AS
B3.06393M	13234024	00669744X		83.29 %	6.34 %	AS
B3.06394N	13234026	00669749C		96.38 %	6.95 %	AS
LCS-00672861B *		00672861B	LCS	86.25 %	6.45 %	AS
RBK-00672860A *		00672860A	RBK	90.54 %	6.77 %	AS

* Samples marked with an asterisk are not in this sample delivery group but were analyzed with it for QC purposes.

QC RESULTS FOR BATCH 0010265W

NAREL Sample #	Analysis #	QC Type	Analyte	%R	RPD	Z	Evaluation
B3.06384L	00672859H	DUP	PU238		70.1	-0.25	PASS
B3.06384L	00672859H	DUP	PU239		144.8	-0.65	PASS
LCS-00672861B	00672861B	LCS	PU239	105.6		0.98	PASS
RBK-00672860A	00672860A	RBK	PU238				WARN
RBK-00672860A	00672860A	RBK	PU239				PASS

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MEMORANDUM

DATE: June 24, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Organic Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 14 soil and 6 sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Organic analyses (EPA CLP SOW SOM01.2) were performed by Shealy Environmental Services, West Columbia, South Carolina. All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic and/or Manual Process (S4VEM).

The samples were numbered:

JSXT7	JSXT8	JSXT9	JSXW0	JSXW1	JSXW2
JSXW3	JSXW4	JSXW5	JSXW6	JSXW7	JSXW8
JSXW9	JSXX0	JSXX1	JSXX2	JSXX3	JSXX4
JSXX5	JSXX6				

No discrepancies were noted.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

June 27, 2013

Reply to: Donald M. Brown
Attn of: OEA-095

MEMORANDUM

Subject: Data Validation Report for the Organic Analyses of the Soil Samples Collected for the West Salem Preliminary Assessments - Case Number 43548, SDG JSXT7

From: Donald M. Brown, QA Chemist DMB
USEPA Region 10, Office of Environmental Assessment, Environmental Services Unit

To: Joanne LaBaw, Site Assessment Manager
USEPA Region 10, Office of Environmental Cleanup

CC: Renee Nordeen, Ecology & Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of fourteen (14) soil samples and six (6) sediment samples collected from the above referenced site has been completed. These samples were analyzed for Semivolatile Organic Compounds (SVOCs), SVOCs by Selective Ion Monitoring (SIM), Pesticides, and Aroclors by Shealy Environmental Services, Inc. (SHEALY) located in West Columbia, SC. When multiple analytical runs were conducted (i.e., dilution, reanalysis, SIM), the run with reportable results has been indicated by the reviewer.

All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic/Manual Process (S4VEM). The validation was conducted and appropriate qualifiers were applied according to the Quality Control Specifications outlined in the Quality Assurance Project Plan for West Salem Preliminary Assessments (May 2013); the technical specifications of the USEPA Contract Laboratory Program (CLP) Statement of Work (SOW) for Multi-Media, Multi-Concentration Organics Analysis (SOM01.2); the USEPA CLP National Functional Guidelines for Superfund Organic Methods Data Review (USEPA-540-R-08-01); and the Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (EPA-540-R-08-005). Some of the data quality elements may be qualified using the reviewer's professional judgment. The conclusions presented herein are based on the information provided for the review.

A summary of samples evaluated in this validation report and the pertinent dates for sample collection, sample receipt at the laboratory, extraction, and analyses is attached along with the validated data.

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Semivolatile samples JSXW2, JSXW3, JSXW4, JSXW8, and JSXX3 were reanalyzed due to failing continuing calibration verification recoveries; however, the reanalysis of these samples had the same QC failures as the parent samples. Additionally, sample JSXW4 was re-extracted and reanalyzed due to failing Deuterated Monitoring Compound recoveries; however, the reanalysis of this sample had the same QC failures as the parent sample. Therefore, results for these samples are reported from the initial analysis only.

Semivolatile SIM sample JSXW6 was reanalyzed at a two-fold (2X) dilution to bring the concentration of pyrene within the linear range of the instrument. The result for this compound in this sample is reported from the diluted analysis and the reporting limit is elevated.

Pesticide sample JSXW4 was reanalyzed at a ten-fold (10X) dilution to bring the concentration of endosulfan sulfate within the linear range of the instrument. The result for this compound in this sample is reported from the diluted analysis and the reporting limit is elevated.

I. QUALITY CONTROL RESULTS SUMMARY

Semivolatile Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 5X Blank†
Initial Calibration	Y*	RRF > 0.05‡ or ≤ 30% RSD
Continuing Calibration Verification	Y*	RRF > 0.05‡ or Open: ≤ 25% D, Close: ≤ 50% D
Deuterated Monitoring Compounds	Y*	Varies by Compound
Internal Standards	N	50 – 200% of 12-hour standard

Semivolatile SIM Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 5X Blank†
Initial Calibration	N	RRF > 0.05 or ≤ 30% RSD
Continuing Calibration Verification	N	RRF > 0.05 or Open: ≤ 25% D, Close: ≤ 50% D
Deuterated Monitoring Compounds	N	50 – 150%
Internal Standards	N	50 – 200% of 12-hour standard

Pesticide Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 10X Blank
Initial Calibration	N	≤ 20% RSD single component analyte ≤ 25% RSD alpha-BHC & delta-BHC ≤ 30% RSD toxaphene & surrogates
Continuing Calibration Verification	N	≤ 25 % D
Surrogate Spikes	N	30 – 150%
Laboratory Control Samples	N	Varies by Compound
Target Compound Identification	Y*	≤ 30% D

Aroclor Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 10X Blank
Initial Calibration	N	≤ 20% RSD
Continuing Calibration Verification	N	Open: ≤ 15% D, Close: ≤ 50% D
Surrogate Spikes	N	30 – 150%
Laboratory Control Samples	N	50 – 150%
Target Compound Identification	Y*	≤ 30% D

* See the Data Qualifications section below for outliers and qualification of affected data.
†10X Blank for ketones or solvents.
‡RRF > 0.01 for semivolatile target compounds exhibiting poor response (see Organic CLP NFG Table 28).
(Note: RRF = Relative Response Factor, RSD = Relative Standard Deviation, D = Difference)

II. DATA QUALIFICATIONS

Summary of Validation Qualifiers Applied:

Data qualifications applied after the manual and electronic data review can be found in the attached "Manual/Electronic Data Review Results" section of this report.

Data Qualifiers

The following is a list of validation qualifiers applied to the sample result(s) either electronically or manually when needed to indicate associated out-of-control QA/QC results.

Data Qualifiers	
U	The analyte was analyzed for but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
J	The analyte was positively identified and the associated numerical value is an estimated quantity.
UJ	The analyte was analyzed for but was not detected above the level of the associated value. The associated value is an estimate and may be inaccurate or imprecise.
R	The data are unusable for all purposes. The analyte may or may not be present in the sample.
JN	There is evidence that the analyte is present. The associated numerical result is an estimate.

For site assessment and investigations, the following bias qualifiers are applied to the sample result(s) manually in addition to the above data qualifiers to allow for data analysis and interpretation using PREscore software for the National Priorities Listing Hazard Ranking System (NPL-HRS).

Bias Qualifiers	
L	Low bias.
H	High bias.
K	Unknown bias.
Q	The result is estimated because the concentration is below the Contract Required Quantitation Limits (CRQLs).

Attachments:
Manual/Electronic Data Review Results
Sample Summary Report
Analytical Sample Listing (Report #6)

Manual/Electronic Data Review Results

SEMIVOLATILE ORGANIC ANALYSIS
Initial Calibration Qualification Summary
The following samples are associated with an initial calibration percent relative standard deviation outside criteria (>30% RSD). Detected compounds are qualified JK. Non-detected compounds are qualified UJK.
2,4-Dinitrophenol – All Samples
Continuing Calibration Qualification Summary
The following samples are associated with an opening or closing CCV percent difference outside criteria (i.e., Opening CCV >25% Difference, Closing CCV >50% Difference). Detected compounds are qualified JK. Non-detected compounds are qualified UJK.
Caprolactam – JSXW2, JSXW3, JSXW4, JSXW8, JSXX3 Hexachlorocyclopentadiene – JSXW2, JSXW3, JSXW4, JSXW8, JSXX3
Deuterated Monitoring Compound Qualification Summary
The following samples have DMC recoveries below the lower limit of the criteria window. Detected compounds associated with the DMC are qualified JK. Non-detected compounds associated with the DMC are qualified UJK.
4-Chloroaniline-d_4 – JSXW4
Detection Limit Qualification Summary
The following samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified JQ. Non-detected compounds are not qualified.
bis(2-Ethylhexyl)phthalate – JSXW1, JSXX3, JSXX5, JSXX6

Manual/Electronic Data Review Results

SEMIVOLATILE SIM ORGANIC ANALYSIS
Detection Limit Qualification Summary
The following samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified JQ. Non-detected compounds are not qualified.
Naphthalene – JSXT9, JSXW1, JSXW2, JSXW4, JSXW6, JSXX2, JSXX4, JSXX5, JSXX6 Acenaphthylene – JSXW4, JSXW6 Phenanthrene – JSXT9, JSXW0, JSXW5, JSXX5 Anthracene – JSXW3, JSXW4 Fluoranthene – JSXW1, JSXW5, JSXW7, JSXW8, JSXW9, JSXX1, JSXX5 Pyrene – JSXT7, JSXW1, JSXW5, JSXW7, JSXW8, JSXW9, JSXX1, JSXX5 Benzo(a)anthracene – JSXW0, JSXW5, JSXW7, JSXW8, JSXW9, JSXX1 Chrysene – JSXT7, JSXW1, JSXW5, JSXW7, JSXW8, JSXW9, JSXX1, JSXX5 Benzo(b)fluoranthene – JSXW0, JSXW1, JSXW5, JSXW7 Benzo(k)fluoranthene – JSXT9, JSXW2, JSXW4, JSXW6 Benzo(a)pyrene – JSXW0, JSXW5, JSXW7 Indeno(1,2,3-cd)pyrene – JSXT9, JSXW0, JSXW2 Dibenzo(a,h)anthracene – JSXW3, JSXW4, JSXW6 Benzo(g,h,i)perylene – JSXW0, JSXW1, JSXW5, JSXW7, JSXX3

Manual/Electronic Data Review Results

PESTICIDE ORGANIC ANALYSIS

Target Compound Identification Qualification Summary

The percent difference for the detected mean concentrations of a target compound between the two gas chromatograph columns for the following samples is greater than sixty percent (>60%). Detected compounds are qualified U and are reported at the CRQL or at the level of detection. Non-detected compounds are not qualified.

alpha-BHC – JSXW8
beta-BHC – JSXT7, JSXT9, JSXW1, JSXW4, JSXW6, JSXX5, JSXX6
delta-BHC – JSXT7
gamma-BHC – JSXW1
Heptachlor – JSXW1
Aldrin – JSXW1
Heptachlor epoxide – JSXT8, JSXW2, JSXW4, JSXW5, JSXW8
Endosulfan I – JSXW4, JSXX6
Dieldrin – JSXT8, JSXW1, JSXW2, JSXW3, JSXW4, JSXW5, JSXX3
4,4'-DDE – JSXT7, JSXW3, JSXW4, JSXW8, JSXX6
Endrin – JSXW2, JSXW3, JSXW4
Endosulfan II – JSXT7, JSXW1, JSXW4, JSXW5, JSXW7, JSXW8, JSXX0, JSXX3, JSXX4, JSXX5, JSXX6
4,4'-DDD – JSXW4, JSXW7, JSXW8
Endosulfan sulfate – JSXT7, JSXW0, JSXW5, JSXW6
4,4'-DDT – JSXT8, JSXW3, JSXW8
Methoxychlor – JSXT9, JSXW1, JSXW2, JSXW3, JSXW4, JSXW6
Endrin ketone – JSXW4
Endrin aldehyde – JSXT8, JSXW2, JSXW3, JSXW4, JSXW7
alpha-Chlordane – JSXT8, JSXW5, JSXX4
gamma-Chlordane – JSXT9, JSXW4, JSXW7

Manual/Electronic Data Review Results

PESTICIDE ORGANIC ANALYSIS
Detection Limit Qualification Summary
The following samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified JQ. Non-detected compounds are not qualified.
beta-BHC – JSXW2, JSXW5, JSXX0, JSXX1 delta-BHC – JSXW1 Heptachlor epoxide – JSXT9, JSXW0, JSXW7 Endosulfan I – JSXW6 Dieldrin – JSXT7, JSXW7, JSXX2, JSXX4, JSXX5, JSXX6 4,4'-DDE – JSXT9, JSXW2, JSXW7, JSXX2, JSXX3, JSXX4, JSXX5 Endrin – JSXW5, JSXW6, JSXW8, JSXW9, JSXX3, JSXX6 Endosulfan II – JSXW2, JSXW3, JSXW9 4,4'-DDD – JSXT7, JSXT9, JSXW0, JSXW1, JSXW5, JSXW6, JSXX6 Endosulfan sulfate – JSXX1 4,4'-DDT – JSXT9, JSXW0, JSXW2, JSXW4, JSXW7, JSXX2, JSXX3, JSXX4, JSXX5 Methoxychlor – JSXX3 Endrin ketone – JSXW7, JSXW8, JSXX5 Endrin aldehyde – JSXW6, JSXX3 alpha-Chlordane – JSXW7, JSXX5 gamma-Chlordane – JSXX6

Manual/Electronic Data Review Results

AROCLOR ORGANIC ANALYSIS
Target Compound Identification Qualification Summary
The percent difference for the detected mean concentrations of a target compound between the two gas chromatograph columns for the following samples is greater than sixty percent (>60%). Detected compounds are qualified U and are reported at the CRQL or at the level of detection. Non-detected compounds are not qualified.
Aroclor-1260 – JSXW2
Detection Limit Qualification Summary
The following samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified JQ. Non-detected compounds are not qualified.
Aroclor-1260 – JSXT9, JSXW4

Sample Summary Report

Case No:	43548	Contract:	EPW11035	SDG No:	JSXT7	Lab Code:	SHEALY
Sample Number:	ABLK00	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :	0.0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	33	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1260	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	33	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	33	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: ALCS00	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	28	ug/kg	1.0	J	J	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	33	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1260	33	ug/kg	1.0	J		Yes	S4VEM
Aroclor-1232	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	33	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT7	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: BG02SS	pH: 5.3	Sample Date: 06/10/2013	Sample Time: 16:50:00
% Moisture : 13.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	0.20	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	3.7	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.7	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.093	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan sulfate	3.7	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	4.4	ug/kg	1.0			Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.7	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY

Sample Number:	JSXT7	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	BG02SS	pH:	5.3	Sample Date:	06/10/2013	Sample Time:	16:50:00
% Moisture :	13.1			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT7	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: BG02SS	pH: 5.3	Sample Date: 06/10/2013	Sample Time: 16:50:00
% Moisture : 13.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	370	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	370	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	370	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	380	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	88	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT7	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: BG02SS	pH: 5.3	Sample Date: 06/10/2013	Sample Time: 16:50:00
% Moisture : 13.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	37	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	37	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	37	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	37	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	37	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	37	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	37	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	37	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	37	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT8	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: BG03SD	pH: 6.2	Sample Date: 06/10/2013	Sample Time: 18:17:00
% Moisture : 25.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	44	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	44	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT8	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: BG03SD	pH: 6.2	Sample Date: 06/10/2013	Sample Time: 18:17:00
% Moisture : 25.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.2	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	4.4	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	39	ug/kg	1.0			Yes	S4VEM
4,4'-DDT	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
Methoxychlor	22	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	2.2	ug/kg	1.0	JP	U	Yes	S4VEM
gamma-Chlordane	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	220	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY

Sample Number:	JSXT8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	BG03SD	pH:	6.2	Sample Date:	06/10/2013	Sample Time:	18:17:00
% Moisture :	25.5			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	220	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	220	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Chloroethyl)ether	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	220	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	220	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	220	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	220	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	220	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	220	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	220	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	220	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	220	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	430	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	220	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	220	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	430	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	220	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	430	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	430	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	220	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	220	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	430	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	430	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	220	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	220	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	220	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	220	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	430	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	220	ug/kg	1.0	U	R	No	S4VEM
Anthracene	220	ug/kg	1.0	U	R	No	S4VEM
Carbazole	220	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	220	ug/kg	1.0	U	R	No	S4VEM
Pyrene	220	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	220	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	220	ug/kg	1.0	U	R	No	S4VEM
Chrysene	220	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	220	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	220	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	220	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	220	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	220	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	220	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Hexanoic acid	100	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	350	ug/kg	1.0	NJ	JN	Yes	S4VEM
Benzyl Benzoate	94	ug/kg	1.0	NJ	JN	Yes	S4VEM
Benzoic acid, 2-hydroxy-, phenylmethyl e	240	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	150	ug/kg	1.0	NJ	JN	Yes	S4VEM
2-Methoxybenzoic acid, benzyl ester	940	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT8	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: BG03SD	pH: 6.2	Sample Date: 06/10/2013	Sample Time: 18:17:00
% Moisture : 25.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	8.8	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	4.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	4.3	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT9	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SS	pH: 5.3	Sample Date: 06/11/2013	Sample Time: 11:02:00
% Moisture : 21.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	210	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	210	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	210	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	420	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	210	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	420	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	420	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	420	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	420	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	420	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	210	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	420	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Carbazole	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Chrysene	210	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	210	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	140	ug/kg	1.0	NJ	JN	Yes	S4VEM
1-Octadecene	340	ug/kg	1.0	NJ	JN	Yes	S4VEM
Hexadecane, 2,6,10,14-tetramethyl-	210	ug/kg	1.0	NJ	JN	Yes	S4VEM
16-Octadecenal	940	ug/kg	1.0	NJ	JN	Yes	S4VEM
Oxirane, hexadecyl-	220	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT9	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SS	pH: 5.3	Sample Date: 06/11/2013	Sample Time: 11:02:00
% Moisture : 21.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	8.5	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	8.4	ug/kg	1.0			Yes	S4VEM
Pyrene	12	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	5.6	ug/kg	1.0			Yes	S4VEM
Chrysene	8.6	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	6.2	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	1.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)pyrene	5.1	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Dibenzo(a,h)anthracene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	6.8	ug/kg	1.0			Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXT9	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SS	pH: 5.3	Sample Date: 06/11/2013	Sample Time: 11:02:00
% Moisture : 21.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	42	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	42	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	42	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	42	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	42	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	42	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	2.6	ug/kg	1.0	JP	JQ	Yes	S4VEM
Aroclor-1262	42	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	42	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY

Sample Number:	JSXT9	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP01SS	pH:	5.3	Sample Date:	06/11/2013	Sample Time:	11:02:00
% Moisture :	21.5			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	2.2	ug/kg	1.0	JP	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	0.11	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan I	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.2	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.58	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	4.2	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.11	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan sulfate	4.2	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	1.8	ug/kg	1.0	JP	JQ	Yes	S4VEM
Methoxychlor	22	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.2	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.2	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.2	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	220	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY

Sample Number:	JSXW0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP03SS	pH:	6.4	Sample Date:	06/11/2013	Sample Time:	14:20:00
% Moisture :	28.9			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	46	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	46	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW0	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SS	pH: 6.4	Sample Date: 06/11/2013	Sample Time: 14:20:00
% Moisture : 28.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.4	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	0.19	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan I	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	6.4	ug/kg	1.0			Yes	S4VEM
Endrin	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	4.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.23	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	0.68	ug/kg	1.0	JP	JQ	Yes	S4VEM
Methoxychlor	24	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.6	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.4	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	240	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY

Sample Number:	JSXW0	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP03SS	pH:	6.4	Sample Date:	06/11/2013	Sample Time:	14:20:00
% Moisture :	28.9			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	9.2	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	5.5	ug/kg	1.0			Yes	S4VEM
Pyrene	10	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	3.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	4.7	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	3.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	2.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Dibenzo(a,h)anthracene	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.7	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW0	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SS	pH: 6.4	Sample Date: 06/11/2013	Sample Time: 14:20:00
% Moisture : 28.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	230	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	230	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	230	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	460	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	230	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	460	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	460	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	460	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	460	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	460	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	230	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	460	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	230	ug/kg	1.0	U	R	No	S4VEM
Anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Carbazole	230	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Chrysene	230	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	230	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
16-Octadecenal	2600	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	110	ug/kg	1.0	NJ	JN	Yes	S4VEM
Stigmast-4-en-3-one	260	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	470	ug/kg	1.0	NJ	JN	Yes	S4VEM
Oxirane, heptadecyl-	260	ug/kg	1.0	NJ	JN	Yes	S4VEM
Hexadecenoic acid, Z-11-	140	ug/kg	1.0	NJ	JN	Yes	S4VEM
Hexadecenoic acid, Z-11-			1.0	NJ	JN	Yes	S4VEM
Squalene	120	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW1	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SS	pH: 8.0	Sample Date: 06/11/2013	Sample Time: 15:10:00
% Moisture : 9.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW1	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SS	pH: 8.0	Sample Date: 06/11/2013	Sample Time: 15:10:00
% Moisture : 9.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	180	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	180	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	180	ug/kg	1.0	U	R	No	S4VEM
Anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Chrysene	180	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	70	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Hexadecanal	74	ug/kg	1.0	NJ	JN	Yes	S4VEM
2-Mercaptobenzothiazole	92	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW1	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SS	pH: 8.0	Sample Date: 06/11/2013	Sample Time: 15:10:00
% Moisture : 9.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.3	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW1	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SS	pH: 8.0	Sample Date: 06/11/2013	Sample Time: 15:10:00
% Moisture : 9.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	0.097	ug/kg	1.0	JP	JQ	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	6.1	ug/kg	1.0			Yes	S4VEM
Endrin	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.27	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	3.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	21	ug/kg	1.0			Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.6	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW2	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP06SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 16:55:00
% Moisture : 20		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	210	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	210	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	210	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	210	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Chloro-3-methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	210	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	410	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	210	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	410	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	410	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	410	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	410	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	410	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	210	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	410	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Carbazole	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Chrysene	210	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	210	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	87	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	230	ug/kg	1.0	NJ	JN	Yes	S4VEM
Stigmast-4-en-3-one	260	ug/kg	1.0	NJ	JN	Yes	S4VEM
1,19-Eicosadiene	1100	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecane, 1-iodo-	540	ug/kg	1.0	NJ	JN	Yes	S4VEM
Oxirane, hexadecyl-	110	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	120	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW2	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP06SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 16:55:00
% Moisture : 20		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	8.3	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	5.1	ug/kg	1.0			Yes	S4VEM
Anthracene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	8.7	ug/kg	1.0			Yes	S4VEM
Pyrene	12	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	6.2	ug/kg	1.0			Yes	S4VEM
Chrysene	7.2	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	5.9	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	2.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)pyrene	4.7	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Dibenzo(a,h)anthracene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	4.2	ug/kg	1.0			Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW2	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP06SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 16:55:00
% Moisture : 20		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	0.31	ug/kg	1.0	J	JQ	Yes	S4VEM
delta-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	0.31	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	0.18	ug/kg	1.0	JP	JQ	Yes	S4VEM
4,4'-DDD	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	6.8	ug/kg	1.0			Yes	S4VEM
4,4'-DDT	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	21	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	210	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW2	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP06SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 16:55:00
% Moisture : 20		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	40	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	40	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	40	ug/kg	1.0	JP	U	Yes	S4VEM
Aroclor-1262	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	40	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW2RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP06SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 16:55:00
% Moisture : 20		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Benzaldehyde	210	ug/kg	1.0	U	R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	210	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	210	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Chlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Methylphenol	210	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	210	ug/kg	1.0	U	R	No	S4VEM
Acetophenone	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Methylphenol	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	210	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Hexachloroethane	210	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	210	ug/kg	1.0	U	R	No	S4VEM
Isophorone	210	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
2-Nitrophenol	210	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
2,4-Dichlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	210	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	210	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	210	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	210	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	410	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	210	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	210	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	410	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	410	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	410	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	210	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
Fluorene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	210	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	410	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	410	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	210	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	210	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	210	ug/kg	1.0	U	R	No	S4VEM
Atrazine	210	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	410	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Carbazole	210	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Chrysene	210	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	210	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	210	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	210	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,19-Eicosadiene	1200	ug/kg	1.0	NJ	R	No	S4VEM
Oleic Acid	110	ug/kg	1.0	NJ	R	No	S4VEM
Stigmast-4-en-3-one	270	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	120	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	250	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW3	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 12:55:00
% Moisture : 26.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.2	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	4.1	ug/kg	1.0	P		Yes	S4VEM
Endosulfan I	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	0.20	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDD	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	54	ug/kg	1.0			Yes	S4VEM
4,4'-DDT	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
Methoxychlor	22	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	2.2	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.2	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	220	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW3	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 12:55:00
% Moisture : 26.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	44	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	44	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	44	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	44	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW3	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 12:55:00
% Moisture : 26.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	230	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	230	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	230	ug/kg	1.0	U	U	Yes	S4VEM
Acetophenone	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	230	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	230	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	230	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Chloro-3-methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	230	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	440	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	230	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	440	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	440	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	440	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	440	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	440	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	230	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	440	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	230	ug/kg	1.0	U	R	No	S4VEM
Anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Carbazole	230	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Chrysene	230	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	230	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	320	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	170	ug/kg	1.0	NJ	JN	Yes	S4VEM
6-Octadecenoic acid, (Z)-	140	ug/kg	1.0	NJ	JN	Yes	S4VEM
2-Methoxybenzoic acid, benzyl ester	200	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecane, 1-iodo-	270	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW3	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 12:55:00
% Moisture : 26.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	9.0	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	7.8	ug/kg	1.0			Yes	S4VEM
Anthracene	3.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene	37	ug/kg	1.0			Yes	S4VEM
Pyrene	41	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	38	ug/kg	1.0			Yes	S4VEM
Chrysene	34	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	29	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	12	ug/kg	1.0			Yes	S4VEM
Benzo(a)pyrene	26	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	13	ug/kg	1.0			Yes	S4VEM
Dibenzo(a,h)anthracene	4.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(g,h,i)perylene	12	ug/kg	1.0			Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW3RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 12:55:00
% Moisture : 26.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	230	ug/kg	1.0	U	R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Phenol	230	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
2-Chlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
2-Methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	230	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
Acetophenone	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	230	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Hexachloroethane	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Nitrobenzene	230	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Isophorone	230	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
2-Nitrophenol	230	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	230	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethoxy)methane	230	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	230	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	230	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	230	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	440	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	230	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	440	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	440	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	440	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	230	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Fluorene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	230	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	440	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	440	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	230	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	230	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	230	ug/kg	1.0	U	R	No	S4VEM
Atrazine	230	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	440	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	230	ug/kg	1.0	U	R	No	S4VEM
Anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Carbazole	230	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Chrysene	230	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	230	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	230	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	230	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
9-Hexadecenoic acid	140	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	310	ug/kg	1.0	NJ	R	No	S4VEM
Oleic Acid	150	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	180	ug/kg	1.0	NJ	R	No	S4VEM
2-Methoxybenzoic acid, benzyl ester	200	ug/kg	1.0	NJ	R	No	S4VEM
Squalene	160	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW4	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture : 10.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	1.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	5.2	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	7.3	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	6.7	ug/kg	1.0			Yes	S4VEM
Anthracene	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene	15	ug/kg	1.0			Yes	S4VEM
Pyrene	21	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	9.7	ug/kg	1.0			Yes	S4VEM
Chrysene	14	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	13	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	3.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)pyrene	11	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	6.9	ug/kg	1.0			Yes	S4VEM
Dibenzo(a,h)anthracene	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(g,h,i)perylene	11	ug/kg	1.0			Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW4	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture : 10.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0	U		Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	UJK	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	UJK	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
5-Hydroxy-4',7-dimethoxyflavanone	280	ug/kg	1.0	NJ	JN	Yes	S4VEM
Oleic Acid	430	ug/kg	1.0	NJ	JN	Yes	S4VEM
Benzoic acid, 4-methoxy-, phenylmethyl e	7500	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	320	ug/kg	1.0	NJ	JN	Yes	S4VEM
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	280	ug/kg	1.0	NJ	JN	Yes	S4VEM
2-Propenoic acid, 3-phenyl-	1200	ug/kg	1.0	NJ	JN	Yes	S4VEM
Benzaldehyde, 4-hydroxy-	560	ug/kg	1.0	NJ	JN	Yes	S4VEM
1-Nonadecanol	320	ug/kg	1.0	NJ	JN	Yes	S4VEM
Tetracosanoic acid	600	ug/kg	1.0	NJ	JN	Yes	S4VEM
Trifluoroacetic acid, n-octadecyl ester	400	ug/kg	1.0	NJ	JN	Yes	S4VEM
Stigmast-4-en-3-one	920	ug/kg	1.0	NJ	JN	Yes	S4VEM
Benzyl Benzoate	1000	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	580	ug/kg	1.0	NJ	JN	Yes	S4VEM
Acetophenone, 4'-hydroxy-	660	ug/kg	1.0	NJ	JN	Yes	S4VEM
Benzoic acid, 2-hydroxy-, phenylmethyl e	1700	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW4	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture : 10.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan sulfate	390	ug/kg	1.0	E	R	No	S4VEM
4,4'-DDT	2.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin aldehyde	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW4	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture : 10.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW4DL	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture : 10.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	19	ug/kg	10.0	U	R	No	S4VEM
Tetrachloro-m-xylene			10.0	D	R	No	S4VEM
beta-BHC	19	ug/kg	10.0	U	R	No	S4VEM
Decachlorobiphenyl			10.0	D	R	No	S4VEM
delta-BHC	19	ug/kg	10.0	U	R	No	S4VEM
gamma-BHC (Lindane)	19	ug/kg	10.0	U	R	No	S4VEM
Heptachlor	19	ug/kg	10.0	U	R	No	S4VEM
Aldrin	19	ug/kg	10.0	U	R	No	S4VEM
Heptachlor epoxide	13	ug/kg	10.0	J DP	R	No	S4VEM
Endosulfan I	0.74	ug/kg	10.0	J DP	R	No	S4VEM
Dieldrin	0.88	ug/kg	10.0	J DP	R	No	S4VEM
4,4'-DDE	1.3	ug/kg	10.0	J DP	R	No	S4VEM
Endrin	36	ug/kg	10.0	U	R	No	S4VEM
Endosulfan II	1.1	ug/kg	10.0	J DP	R	No	S4VEM
4,4'-DDD	1.9	ug/kg	10.0	J DP	R	No	S4VEM
Endosulfan sulfate	370	ug/kg	10.0	D		Yes	S4VEM
4,4'-DDT	1.9	ug/kg	10.0	J D	R	No	S4VEM
Methoxychlor	190	ug/kg	10.0	U	R	No	S4VEM
Endrin ketone	36	ug/kg	10.0	U	R	No	S4VEM
Endrin aldehyde	2.3	ug/kg	10.0	J DP	R	No	S4VEM
alpha-Chlordane	19	ug/kg	10.0	U	R	No	S4VEM
gamma-Chlordane	19	ug/kg	10.0	U	R	No	S4VEM
Toxaphene	1900	ug/kg	10.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW4RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture : 10.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0		R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Acetophenone	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	U	R	No	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
Atrazine	190	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzoic acid, 2-hydroxy-, phenylmethyl e	1800	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	580	ug/kg	1.0	NJ	R	No	S4VEM
Benzoic acid, 4-methoxy-, phenylmethyl e	7600	ug/kg	1.0	NJ	R	No	S4VEM
2-Propenoic acid, 3-phenyl-	1100	ug/kg	1.0	NJ	R	No	S4VEM
Hexadecane, 2,6,10,14-tetramethyl-	2300	ug/kg	1.0	NJ	R	No	S4VEM
Acetophenone, 4'-hydroxy-	730	ug/kg	1.0	NJ	R	No	S4VEM
Stigmast-4-en-3-one	940	ug/kg	1.0	NJ	R	No	S4VEM
Pregn-5-en-3-ol, 21-bromo-20-methyl-, (3	2200	ug/kg	1.0	NJ	R	No	S4VEM
Docosanoic acid	380	ug/kg	1.0	NJ	R	No	S4VEM
9-Nonadecene	830	ug/kg	1.0	NJ	R	No	S4VEM
Benzaldehyde, 4-hydroxy-	510	ug/kg	1.0	NJ	R	No	S4VEM
1,3-Dioxolo[4,5-b]acridin-10(5H)-one, 11	400	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	400	ug/kg	1.0	NJ	R	No	S4VEM
Benzyl Benzoate	1000	ug/kg	1.0	NJ	R	No	S4VEM
Tetracosanoic acid	550	ug/kg	1.0	NJ	R	No	S4VEM
5-Hydroxy-4',7-dimethoxyflavan one	440	ug/kg	1.0	NJ	R	No	S4VEM
9-Octadecenoic acid, (E)-	670	ug/kg	1.0	NJ	R	No	S4VEM
D:C-Friedoolean-8-en-3-one	590	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW4RX	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture : 10.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	R	No	S4VEM
Acetophenone	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Chloroaniline-d4			1.0	U	R	No	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	R	No	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
Atrazine	190	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde, 4-hydroxy-	570	ug/kg	1.0	NJ	R	No	S4VEM
5-Hydroxy-4',7-dimethoxyflavan one	460	ug/kg	1.0	NJ	R	No	S4VEM
Androsta-1,4-dien-3-one, 17-(acetyloxy)-	290	ug/kg	1.0	NJ	R	No	S4VEM
2-Propenoic acid, 3-phenyl-	1200	ug/kg	1.0	NJ	R	No	S4VEM
Squalene	380	ug/kg	1.0	NJ	R	No	S4VEM
Benzoic acid, 4-methoxy-, phenylmethyl e	9900	ug/kg	1.0	NJ	R	No	S4VEM
Stigmast-4-en-3-one	1200	ug/kg	1.0	NJ	R	No	S4VEM
Benzyl cinnamate	410	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	620	ug/kg	1.0	NJ	R	No	S4VEM
Benzyl Benzoate	1300	ug/kg	1.0	NJ	R	No	S4VEM
Eicosanoic acid	430	ug/kg	1.0	NJ	R	No	S4VEM
Acetophenone, 4'-hydroxy-	620	ug/kg	1.0	NJ	R	No	S4VEM
Cinnamyl cinnamate	2600	ug/kg	1.0	NJ	R	No	S4VEM
Benzoic acid, 2-hydroxy-, phenylmethyl e	2000	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	430	ug/kg	1.0	NJ	R	No	S4VEM
4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a	670	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW5	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 14:40:00
% Moisture : 22		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	41	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	41	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	41	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	41	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	41	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	41	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	41	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	41	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	41	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW5	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 14:40:00
% Moisture : 22		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	8.6	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	0.96	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	2.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	2.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	4.2	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW5	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 14:40:00
% Moisture : 22		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	220	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	220	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	220	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	220	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	220	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	220	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	220	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	220	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	220	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	220	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	420	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	220	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	220	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	420	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	220	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	420	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	420	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	220	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	220	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	220	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	420	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	420	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	220	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	220	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	220	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	220	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	220	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	420	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	220	ug/kg	1.0	U	R	No	S4VEM
Anthracene	220	ug/kg	1.0	U	R	No	S4VEM
Carbazole	220	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	220	ug/kg	1.0	U	R	No	S4VEM
Pyrene	220	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	220	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	220	ug/kg	1.0	U	R	No	S4VEM
Chrysene	220	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	220	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	220	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	220	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	220	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	220	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	220	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	220	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	220	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,19-Eicosadiene	150	ug/kg	1.0	NJ	JN	Yes	S4VEM
16-Octadecenal	910	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	330	ug/kg	1.0	NJ	JN	Yes	S4VEM
Hexadecenoic acid, Z-11-	150	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	110	ug/kg	1.0	NJ	JN	Yes	S4VEM
9,12-Octadecadienoic acid (Z,Z)-	230	ug/kg	1.0	NJ	JN	Yes	S4VEM
Stigmast-4-en-3-one	200	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW5	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SS	pH: 5.9	Sample Date: 06/11/2013	Sample Time: 14:40:00
% Moisture : 22		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	0.14	ug/kg	1.0	JP	JQ	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.1	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	21	ug/kg	1.0			Yes	S4VEM
Endrin	0.47	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan II	4.1	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.49	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	4.1	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	16	ug/kg	1.0			Yes	S4VEM
Methoxychlor	21	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.1	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.1	ug/kg	1.0	JP	U	Yes	S4VEM
gamma-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	210	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW6	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP07SS	pH: 5.7	Sample Date: 06/11/2013	Sample Time: 17:28:00
% Moisture : 1.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	33	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	33	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW6	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP07SS	pH: 5.7	Sample Date: 06/11/2013	Sample Time: 17:28:00
% Moisture : 1.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	2.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	6.8	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	15	ug/kg	1.0			Yes	S4VEM
Anthracene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	24	ug/kg	1.0			Yes	S4VEM
Pyrene	37	ug/kg	1.0	E	R	No	S4VEM
Benzo(a)anthracene	9.7	ug/kg	1.0			Yes	S4VEM
Chrysene	13	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	9.3	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	3.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)pyrene	11	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	6.5	ug/kg	1.0			Yes	S4VEM
Dibenzo(a,h)anthracene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(g,h,i)perylene	8.1	ug/kg	1.0			Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW6	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP07SS	pH: 5.7	Sample Date: 06/11/2013	Sample Time: 17:28:00
% Moisture : 1.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	170	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	170	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Chloroethyl)ether	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	170	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	170	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	170	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	170	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	340	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	170	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	340	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	170	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	340	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	340	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	170	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	340	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	340	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	170	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	340	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	170	ug/kg	1.0	U	R	No	S4VEM
Anthracene	170	ug/kg	1.0	U	R	No	S4VEM
Carbazole	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	170	ug/kg	1.0	U	R	No	S4VEM
Pyrene	170	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	170	ug/kg	1.0	U	R	No	S4VEM
Chrysene	170	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	170	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	170	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	170	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	170	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	170	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Octadecanoic acid	68	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW6	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP07SS	pH: 5.7	Sample Date: 06/11/2013	Sample Time: 17:28:00
% Moisture : 1.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.7	ug/kg	1.0	JP	U	Yes	S4VEM
delta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	0.53	ug/kg	1.0	J	JQ	Yes	S4VEM
Dieldrin	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	0.076	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan II	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.17	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan sulfate	3.3	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	17	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	0.11	ug/kg	1.0	JP	JQ	Yes	S4VEM
alpha-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW6DL	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP07SS	pH: 5.7	Sample Date: 06/11/2013	Sample Time: 17:28:00
% Moisture : 1.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			2.0	D	R	No	S4VEM
Naphthalene	6.7	ug/kg	2.0	U	R	No	S4VEM
Fluoranthene-d10			2.0	D	R	No	S4VEM
2-Methylnaphthalene-d10			2.0	D	R	No	S4VEM
Phenanthrene-d10			2.0	D	R	No	S4VEM
2-Methylnaphthalene	6.7	ug/kg	2.0	U	R	No	S4VEM
Acenaphthylene	2.4	ug/kg	2.0	J D	R	No	S4VEM
Acenaphthene-d10			2.0	D	R	No	S4VEM
Acenaphthene	6.7	ug/kg	2.0	U	R	No	S4VEM
Perylene-d12			2.0	D	R	No	S4VEM
Chrysene-d12			2.0	D	R	No	S4VEM
Fluorene	6.7	ug/kg	2.0	U	R	No	S4VEM
Pentachlorophenol	14	ug/kg	2.0	U	R	No	S4VEM
Phenanthrene	15	ug/kg	2.0	D	R	No	S4VEM
Anthracene	2.5	ug/kg	2.0	J D	R	No	S4VEM
Fluoranthene	28	ug/kg	2.0	D	R	No	S4VEM
Pyrene	39	ug/kg	2.0	D		Yes	S4VEM
Benzo(a)anthracene	10	ug/kg	2.0	D	R	No	S4VEM
Chrysene	14	ug/kg	2.0	D	R	No	S4VEM
Benzo(b)fluoranthene	11	ug/kg	2.0	D	R	No	S4VEM
Benzo(k)fluoranthene	4.0	ug/kg	2.0	J D	R	No	S4VEM
Benzo(a)pyrene	14	ug/kg	2.0	D	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	7.7	ug/kg	2.0	D	R	No	S4VEM
Dibenzo(a,h)anthracene	6.7	ug/kg	2.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	9.6	ug/kg	2.0	D	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW7	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP08SS	pH: 5.5	Sample Date: 06/11/2013	Sample Time: 18:58:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.9	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	1.9	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	0.80	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW7	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP08SS	pH: 5.5	Sample Date: 06/11/2013	Sample Time: 18:58:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	38	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	38	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW7	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP08SS	pH: 5.5	Sample Date: 06/11/2013	Sample Time: 18:58:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	0.11	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan I	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.28	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.8	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	3.8	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan sulfate	3.8	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	0.63	ug/kg	1.0	JP	JQ	Yes	S4VEM
Methoxychlor	20	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	0.10	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endrin aldehyde	3.8	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	0.35	ug/kg	1.0	J	JQ	Yes	S4VEM
gamma-Chlordane	2.0	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW7	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP08SS	pH: 5.5	Sample Date: 06/11/2013	Sample Time: 18:58:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW8	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SD	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 16:25:00
% Moisture : 35.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	260	ug/kg	1.0	U	U	Yes	S4VEM
Phenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	260	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	260	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	260	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	260	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	260	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	260	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	260	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	260	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Chloro-3-methylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	260	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	510	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	260	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	260	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	510	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	510	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	510	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	260	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4-Dinitrotoluene	260	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	510	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	510	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	260	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	260	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	260	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	260	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	510	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	260	ug/kg	1.0	U	R	No	S4VEM
Anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Carbazole	260	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	260	ug/kg	1.0	U	R	No	S4VEM
Pyrene	260	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	260	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Chrysene	260	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	260	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	260	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	260	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophen	260	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	260	ug/kg	1.0	U	U	Yes	S4VEM
Hexadecanoic acid, hexadecyl ester	220	ug/kg	1.0	NJ	JN	Yes	S4VEM
Hexadecane, 2,6,10,14-tetramethyl-	1300	ug/kg	1.0	NJ	JN	Yes	S4VEM
2-Methoxybenzoic acid, benzyl ester	210	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	560	ug/kg	1.0	NJ	JN	Yes	S4VEM
Lup-20(29)-en-3-one	570	ug/kg	1.0	NJ	JN	Yes	S4VEM
Heneicosane, 11-(1-ethylpropyl)-	230	ug/kg	1.0	NJ	JN	Yes	S4VEM
Hexadecenoic acid, Z-11-	270	ug/kg	1.0	NJ	JN	Yes	S4VEM
1,3,6,10-Cyclotetradecatetraene, 3,7,11-	190	ug/kg	1.0	NJ	JN	Yes	S4VEM
cis-9-Hexadecenal	250	ug/kg	1.0	NJ	JN	Yes	S4VEM
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	190	ug/kg	1.0	NJ	JN	Yes	S4VEM
Stigmast-4-en-3-one	260	ug/kg	1.0	NJ	JN	Yes	S4VEM
(Z)-14-Tricosenyl formate	230	ug/kg	1.0	NJ	JN	Yes	S4VEM
6-Octadecenoic acid, (Z)-	350	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	710	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW8	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SD	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 16:25:00
% Moisture : 35.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	51	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	51	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW8	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SD	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 16:25:00
% Moisture : 35.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	5.1	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin	0.16	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan II	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan sulfate	15	ug/kg	1.0			Yes	S4VEM
4,4'-DDT	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
Methoxychlor	26	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	0.13	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin aldehyde	5.1	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.6	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	260	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY

Sample Number:	JSXW8	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP02SD	pH:	6.2	Sample Date:	06/11/2013	Sample Time:	16:25:00
% Moisture :	35.8			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	10	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	2.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	2.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	5.1	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW8RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SD	pH: 6.2	Sample Date: 06/11/2013	Sample Time: 16:25:00
% Moisture : 35.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	260	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	260	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	260	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
2-Chlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
2-Methylphenol	260	ug/kg	1.0	U	R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
4-Methylphenol	260	ug/kg	1.0	U	R	No	S4VEM
N-Nitroso-di-n-propylamine	260	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Hexachloroethane	260	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Nitrobenzene	260	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	260	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2-Nitrophenol	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dimethylphenol	260	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	260	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	260	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	260	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	260	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	260	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	510	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	260	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	260	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	510	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	510	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	510	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	260	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
Fluorene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	260	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	510	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	510	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	260	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	260	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	260	ug/kg	1.0	U	R	No	S4VEM
Atrazine	260	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	510	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	260	ug/kg	1.0	U	R	No	S4VEM
Anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Carbazole	260	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	260	ug/kg	1.0	U	R	No	S4VEM
Pyrene	260	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Chrysene	260	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	260	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	260	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	260	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	260	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	260	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-9-Hexadecenal	400	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	440	ug/kg	1.0	NJ	R	No	S4VEM
1,19-Eicosadiene	310	ug/kg	1.0	NJ	R	No	S4VEM
Pentadecanal-	160	ug/kg	1.0	NJ	R	No	S4VEM
Z-7-Hexadecenoic acid	230	ug/kg	1.0	NJ	R	No	S4VEM
2-Methoxybenzoic acid, benzyl ester	220	ug/kg	1.0	NJ	R	No	S4VEM
Tetradecanoic acid, hexadecyl ester	180	ug/kg	1.0	NJ	R	No	S4VEM
1,3,6,10-Cyclotetradecatetraene, 3,7,11-	160	ug/kg	1.0	NJ	R	No	S4VEM
Octadecane, 1-iodo-	1300	ug/kg	1.0	NJ	R	No	S4VEM
Oleic Acid	300	ug/kg	1.0	NJ	R	No	S4VEM
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	250	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	620	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW9	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 17:45:00
% Moisture : 9.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.3	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.6	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW9	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 17:45:00
% Moisture : 9.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	110	ug/kg	1.0	NJ	JN	Yes	S4VEM
1-Phenanthrenecarboxylic acid, 1,2,3,4,4	120	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	98	ug/kg	1.0	NJ	JN	Yes	S4VEM
Tetratriacontane	76	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW9	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 17:45:00
% Moisture : 9.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	36	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXW9	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 17:45:00
% Moisture : 9.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	0.21	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan II	0.12	ug/kg	1.0	JP	JQ	Yes	S4VEM
4,4'-DDD	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.6	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX0	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SD	pH: 6.4	Sample Date: 06/11/2013	Sample Time: 18:25:00
% Moisture : 19		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	8.2	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	4.0	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX0	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SD	pH: 6.4	Sample Date: 06/11/2013	Sample Time: 18:25:00
% Moisture : 19		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	39	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	39	ug/kg.	1.0	U	U	Yes	S4VEM
Aroclor-1254	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	39	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX0	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SD	pH: 6.4	Sample Date: 06/11/2013	Sample Time: 18:25:00
% Moisture : 19		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	210	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	210	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	210	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	400	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	210	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	400	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	400	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	400	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	400	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	400	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	210	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	400	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Carbazole	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Chrysene	210	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	210	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	150	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	160	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX0	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SD	pH: 6.4	Sample Date: 06/11/2013	Sample Time: 18:25:00
% Moisture : 19		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	0.20	ug/kg	1.0	J	JQ	Yes	S4VEM
delta-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.1	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	4.1	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	4.1	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	21	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.1	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	210	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX1	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 18:40:00
% Moisture : 21.2		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	210	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	210	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	210	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	410	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	210	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	410	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	410	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	410	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	410	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	410	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	210	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	410	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Carbazole	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Chrysene	210	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	210	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Octadecanoic acid	110	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	110	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX1	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 18:40:00
% Moisture : 21.2		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	0.19	ug/kg	1.0	J	JQ	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.1	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	4.1	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	0.11	ug/kg	1.0	JP	JQ	Yes	S4VEM
4,4'-DDT	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	21	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.1	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	210	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX1	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SD	pH: 6.5	Sample Date: 06/11/2013	Sample Time: 18:40:00
% Moisture : 21.2		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	40	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	40	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY

Sample Number:	JSXX1	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP05SD	pH:	6.5	Sample Date:	06/11/2013	Sample Time:	18:40:00
% Moisture :	21.2			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	8.4	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	4.1	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	4.1	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX2	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP01SS	pH: 8.2	Sample Date: 06/12/2013	Sample Time: 09:50:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.7	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX2	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP01SS	pH: 8.2	Sample Date: 06/12/2013	Sample Time: 09:50:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	39	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	39	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX2	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP01SS	pH: 8.2	Sample Date: 06/12/2013	Sample Time: 09:50:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Octadecanoic acid	97	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX2	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP01SS	pH: 8.2	Sample Date: 06/12/2013	Sample Time: 09:50:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	0.14	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.12	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	0.67	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.7	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP02SS	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	36	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP02SS	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	370	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	370	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	370	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	75	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP02SS	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.5	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	0.41	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	0.096	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan II	3.5	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.5	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	0.23	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin ketone	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	0.093	ug/kg	1.0	JP	JQ	Yes	S4VEM
alpha-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP02SS	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.5	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MS	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
gamma-BHC (Lindane)	13	ug/kg	1.0		J	Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Heptachlor	13	ug/kg	1.0		J	Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	13	ug/kg	1.0		J	Yes	S4VEM
Dieldrin	27	ug/kg	1.0		J	Yes	S4VEM
Endrin	28	ug/kg	1.0		J	Yes	S4VEM
4,4'-DDT	31	ug/kg	1.0		J	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.60	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	0.15	ug/kg	1.0	JP	J	Yes	S4VEM
4,4'-DDD	0.30	ug/kg	1.0	JP	J	Yes	S4VEM
Endosulfan sulfate	0.10	ug/kg	1.0	JP	J	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	0.98	ug/kg	1.0	JP	J	Yes	S4VEM
Endrin aldehyde	0.59	ug/kg	1.0	JP	J	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MS	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	120	ug/kg	1.0			Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1260	130	ug/kg	1.0			Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MS	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Acenaphthene	8.4	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	12	ug/kg	1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Pyrene	13	ug/kg	1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenanthrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MS	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	990	ug/kg	1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol	980	ug/kg	1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	990	ug/kg	1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	1100	ug/kg	1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	1000	ug/kg	1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	1200	ug/kg	1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	1100	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	1200	ug/kg	1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Pyrene	1100	ug/kg	1.0			Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4-Dinitrophenol	370	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	190	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	190	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	76	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MSD	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	11	ug/kg	1.0		J	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Heptachlor	11	ug/kg	1.0		J	Yes	S4VEM
beta-BHC	0.16	ug/kg	1.0	J	J	Yes	S4VEM
Aldrin	11	ug/kg	1.0		J	Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	23	ug/kg	1.0		J	Yes	S4VEM
Endrin	24	ug/kg	1.0		J	Yes	S4VEM
4,4'-DDT	26	ug/kg	1.0		J	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.50	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	3.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.28	ug/kg	1.0	JP	J	Yes	S4VEM
Endosulfan sulfate	0.10	ug/kg	1.0	JP	J	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	0.91	ug/kg	1.0	J	J	Yes	S4VEM
Endrin aldehyde	0.60	ug/kg	1.0	JP	J	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MSD	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol	1000	ug/kg	1.0			Yes	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
2-Chlorophenol	990	ug/kg	1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	990	ug/kg	1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	1100	ug/kg	1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	1000	ug/kg	1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
4-Nitrophenol	1300	ug/kg	1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
2,4-Dinitrotoluene	1100	ug/kg	1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	1200	ug/kg	1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Chloroaniline-d4			1.0			Yes	S4VEM
Pyrene	1200	ug/kg	1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
3-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	370	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	190	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	190	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	66	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,3,4,6-Tetrachlorophen	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MSD	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Acenaphthene	9.5	ug/kg	1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Pentachlorophenol	13	ug/kg	1.0			Yes	S4VEM
Pyrene	14	ug/kg	1.0			Yes	S4VEM
Acenaphthylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3MSD	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	130	ug/kg	1.0			Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1260	140	ug/kg	1.0			Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP02SS	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/kg	1.0	U	R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Phenol	190	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	R	No	S4VEM
Acetophenone	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Chloroaniline-d4			1.0		R	No	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	370	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	370	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
Atrazine	190	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	370	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	75	ug/kg	1.0	J	R	No	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nonadecane, 9-methyl-	100	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3REMS	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol	1000	ug/kg	1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
2-Chlorophenol	1000	ug/kg	1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	1000	ug/kg	1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Chloro-3-methylphenol	1100	ug/kg	1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Acenaphthene	1000	ug/kg	1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
4-Nitrophenol	1200	ug/kg	1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,4-Dinitrotoluene	1100	ug/kg	1.0		R	No	S4VEM
Acetophenone	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Pentachlorophenol	1200	ug/kg	1.0		R	No	S4VEM
Pyrene	1100	ug/kg	1.0		R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	190	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
3-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	370	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	R	No	S4VEM
Diethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
Atrazine	190	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	73	ug/kg	1.0	J	R	No	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophen	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	190	ug/kg	1.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX3REMSD	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 7.7	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture : 11.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/kg	1.0	U	R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol	1000	ug/kg	1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
2-Chlorophenol	1000	ug/kg	1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	1000	ug/kg	1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
4-Chloro-3-methylphenol	1100	ug/kg	1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Acenaphthene	1000	ug/kg	1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
4-Nitrophenol	1300	ug/kg	1.0		R	No	S4VEM
2,4-Dinitrotoluene	1200	ug/kg	1.0		R	No	S4VEM
Acetophenone	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Pentachlorophenol	1200	ug/kg	1.0		R	No	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Chloroaniline-d4			1.0		R	No	S4VEM
Pyrene	1100	ug/kg	1.0		R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM
Isophorone	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	190	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
3-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	370	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	R	No	S4VEM
Diethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
Atrazine	190	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	64	ug/kg	1.0	J	R	No	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophen	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	190	ug/kg	1.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX4	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP03SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 11:00:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	36	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX4	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP03SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 11:00:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	180	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	180	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	180	ug/kg	1.0	U	R	No	S4VEM
Anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Chrysene	180	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	73	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	83	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX4	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP03SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 11:00:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	0.28	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.72	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endrin	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.6	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX4	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP03SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 11:00:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.3	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.6	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX5	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP04SS	pH: 8.0	Sample Date: 06/12/2013	Sample Time: 11:30:00
% Moisture : 11.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	370	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	370	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	370	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	370	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	370	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	120	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX5	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP04SS	pH: 8.0	Sample Date: 06/12/2013	Sample Time: 11:30:00
% Moisture : 11.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	0.48	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.66	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.7	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	2.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	0.095	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin aldehyde	3.7	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	0.090	ug/kg	1.0	JP	JQ	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX5	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP04SS	pH: 8.0	Sample Date: 06/12/2013	Sample Time: 11:30:00
% Moisture : 11.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.5	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.7	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX5	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP04SS	pH: 8.0	Sample Date: 06/12/2013	Sample Time: 11:30:00
% Moisture : 11.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	36	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX6	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SS	pH: 8.1	Sample Date: 06/12/2013	Sample Time: 14:55:00
% Moisture : 9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	35	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	35	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX6	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SS	pH: 8.1	Sample Date: 06/12/2013	Sample Time: 14:55:00
% Moisture : 9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.2	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.6	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX6	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SS	pH: 8.1	Sample Date: 06/12/2013	Sample Time: 14:55:00
% Moisture : 9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
delta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	0.46	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin	0.064	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan II	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.13	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	3.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	4.4	ug/kg	1.0			Yes	S4VEM
Methoxychlor	18	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.6	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	0.40	ug/kg	1.0	JP	JQ	Yes	S4VEM
Toxaphene	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: JSXX6	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SS	pH: 8.1	Sample Date: 06/12/2013	Sample Time: 14:55:00
% Moisture : 9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	180	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	180	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	UJK	Yes	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	180	ug/kg	1.0	U	R	No	S4VEM
Anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Chrysene	180	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	100	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Hexadecane, 2,6,10,14-tetramethyl-	160	ug/kg	1.0	NJ	JN	Yes	S4VEM
n-Hexadecanoic acid	84	ug/kg	1.0	NJ	JN	Yes	S4VEM
Octadecanoic acid	88	ug/kg	1.0	NJ	JN	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: PBLK11	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	17	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.3	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: PLCS11	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.1	ug/kg	1.0	J	J	Yes	S4VEM
beta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	2.4	ug/kg	1.0	J	J	Yes	S4VEM
Endrin	2.5	ug/kg	1.0	J	J	Yes	S4VEM
Heptachlor	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.2	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan I	1.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	2.3	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan sulfate	2.1	ug/kg	1.0	J	J	Yes	S4VEM
gamma-Chlordane	1.2	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	17	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.3	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: SBLK72	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	170	ug/kg	1.0	U	U	Yes	S4VEM
Phenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	170	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	170	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	330	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	170	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	170	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: SBLK76	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	6.7	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.3	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXT7	Lab Code: SHEALY
Sample Number: SBLK96	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	170	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	170	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Chloroethyl)ether	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	170	ug/kg	1.0	U	U	Yes	S4VEM
Acetophenone	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	170	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	170	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	330	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	170	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	170	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	170	ug/kg	1.0	U	UJ	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXT7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 177787 **SOW** SOM01.2

Analytical Sample Listing

BNA

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXT7	Field_Sample	Soil	Low	06/10/2013 16:50:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 16:08:00	Zebron ZB-SV	MSD4
JSXT8	Field_Sample	Soil	Low	06/10/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 16:33:00	Zebron ZB-SV	MSD4
JSXT9	Field_Sample	Soil	Low	06/11/2013 11:02:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 18:05:00	Zebron ZB-SV	MSD4
JSXW0	Field_Sample	Soil	Low	06/11/2013 14:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 18:30:00	Zebron ZB-SV	MSD4
JSXW1	Field_Sample	Soil	Low	06/11/2013 15:10:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 18:56:00	Zebron ZB-SV	MSD4
JSXW2	Field_Sample	Soil	Low	06/11/2013 16:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 00:27:00	Zebron ZB-SV	MSD4
JSXW2RE	Field_Sample	Soil	Low	06/11/2013 16:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 09:18:00	Zebron ZB-SV	MSD4
JSXW3	Field_Sample	Soil	Low	06/11/2013 12:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 00:52:00	Zebron ZB-SV	MSD4
JSXW3RE	Field_Sample	Soil	Low	06/11/2013 12:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 09:44:00	Zebron ZB-SV	MSD4
JSXW4	Field_Sample	Soil	Low	06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 01:17:00	Zebron ZB-SV	MSD4
JSXW4RE	Field_Sample	Soil	Low	06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 10:09:00	Zebron ZB-SV	MSD4
JSXW4RX	Field_Sample	Soil	Low	06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/18/2013 14:32:00	06/19/2013 16:20:00	Zebron ZB-SV	MSD4
JSXW5	Field_Sample	Soil	Low	06/11/2013 14:40:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 19:22:00	Zebron ZB-SV	MSD4
JSXW6	Field_Sample	Soil	Low	06/11/2013 17:28:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 19:47:00	Zebron ZB-SV	MSD4
JSXW7	Field_Sample	Soil	Low	06/11/2013 18:58:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 20:13:00	Zebron ZB-SV	MSD4
JSXW8	Field_Sample	Soil	Low	06/11/2013 16:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 01:43:00	Zebron ZB-SV	MSD4
JSXW8RE	Field_Sample	Soil	Low	06/11/2013 16:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 10:34:00	Zebron ZB-SV	MSD4
JSXW9	Field_Sample	Soil	Low	06/11/2013 17:45:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 20:38:00	Zebron ZB-SV	MSD4
JSXX0	Field_Sample	Soil	Low	06/11/2013 18:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 21:04:00	Zebron ZB-SV	MSD4
JSXX1	Field_Sample	Soil	Low	06/11/2013 18:40:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 21:29:00	Zebron ZB-SV	MSD4
JSXX2	Field_Sample	Soil	Low	06/12/2013 09:50:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 21:55:00	Zebron ZB-SV	MSD4
JSXX3	Field_Sample	Soil	Low	06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 02:08:00	Zebron ZB-SV	MSD4
JSXX3MS	Matrix_Spike	Soil	Low	06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 02:33:00	Zebron ZB-SV	MSD4
JSXX3MSD	Matrix_Spike_Duplicate	Soil	Low	06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 02:58:00	Zebron ZB-SV	MSD4
JSXX3RE	Field_Sample	Soil	Low	06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 11:00:00	Zebron ZB-SV	MSD4
JSXX3REMS	Matrix_Spike	Soil	Low	06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 11:25:00	Zebron ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXT7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 177787 **SOW** SOM01.2

Analytical Sample Listing

BNA

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXX3REMSD	Matrix_Spike_Duplicate	Soil	Low	06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/18/2013 11:51:00	Zebron ZB-SV	MSD4
JSXX4	Field_Sample	Soil	Low	06/12/2013 11:00:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 22:20:00	Zebron ZB-SV	MSD4
JSXX5	Field_Sample	Soil	Low	06/12/2013 11:30:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 22:45:00	Zebron ZB-SV	MSD4
JSXX6	Field_Sample	Soil	Low	06/12/2013 14:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/17/2013 23:11:00	Zebron ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXT7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 177787 **SOW** SOM01.2

Analytical Sample Listing

BNA_SIM

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXT7	Field_Sample	Soil		06/10/2013 16:50:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 02:37:00	ZEBRON ZB-SV	MSD4
JSXT8	Field_Sample	Soil		06/10/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 03:04:00	ZEBRON ZB-SV	MSD4
JSXT9	Field_Sample	Soil		06/11/2013 11:02:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 03:32:00	ZEBRON ZB-SV	MSD4
JSXW0	Field_Sample	Soil		06/11/2013 14:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 03:59:00	ZEBRON ZB-SV	MSD4
JSXW1	Field_Sample	Soil		06/11/2013 15:10:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 04:26:00	ZEBRON ZB-SV	MSD4
JSXW2	Field_Sample	Soil		06/11/2013 16:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 04:54:00	ZEBRON ZB-SV	MSD4
JSXW3	Field_Sample	Soil		06/11/2013 12:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 05:21:00	ZEBRON ZB-SV	MSD4
JSXW4	Field_Sample	Soil		06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 05:49:00	ZEBRON ZB-SV	MSD4
JSXW5	Field_Sample	Soil		06/11/2013 14:40:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 06:16:00	ZEBRON ZB-SV	MSD4
JSXW6	Field_Sample	Soil		06/11/2013 17:28:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 06:43:00	ZEBRON ZB-SV	MSD4
JSXW6DL	Field_Sample	Soil		06/11/2013 17:28:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 13:13:00	ZEBRON ZB-SV	MSD4
JSXW7	Field_Sample	Soil		06/11/2013 18:58:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 07:11:00	ZEBRON ZB-SV	MSD4
JSXW8	Field_Sample	Soil		06/11/2013 16:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 07:38:00	ZEBRON ZB-SV	MSD4
JSXW9	Field_Sample	Soil		06/11/2013 17:45:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 08:06:00	ZEBRON ZB-SV	MSD4
JSXX0	Field_Sample	Soil		06/11/2013 18:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 08:33:00	ZEBRON ZB-SV	MSD4
JSXX1	Field_Sample	Soil		06/11/2013 18:40:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 09:01:00	ZEBRON ZB-SV	MSD4
JSXX2	Field_Sample	Soil		06/12/2013 09:50:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 09:28:00	ZEBRON ZB-SV	MSD4
JSXX3	Field_Sample	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 11:23:00	ZEBRON ZB-SV	MSD4
JSXX3MS	Matrix_Spike	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 11:50:00	ZEBRON ZB-SV	MSD4
JSXX3MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 12:18:00	ZEBRON ZB-SV	MSD4
JSXX4	Field_Sample	Soil		06/12/2013 11:00:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 12:45:00	ZEBRON ZB-SV	MSD4
JSXX5	Field_Sample	Soil		06/12/2013 11:30:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 09:56:00	ZEBRON ZB-SV	MSD4
JSXX6	Field_Sample	Soil		06/12/2013 14:55:00	06/14/2013 09:00:00	Sonication	06/14/2013 16:44:00	06/19/2013 10:23:00	ZEBRON ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXT7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 177787 **SOW** SOM01.2

Analytical Sample Listing

Pest

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXT7	Field_Sample	Soil		06/10/2013 16:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 20:26:00	DB-35MS	GC5
JSXT7	Field_Sample	Soil		06/10/2013 16:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 20:26:00	DB-XLB	GC5
JSXT8	Field_Sample	Soil		06/10/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 20:42:00	DB-35MS	GC5
JSXT8	Field_Sample	Soil		06/10/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 20:42:00	DB-XLB	GC5
JSXT9	Field_Sample	Soil		06/11/2013 11:02:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 20:57:00	DB-35MS	GC5
JSXT9	Field_Sample	Soil		06/11/2013 11:02:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 20:57:00	DB-XLB	GC5
JSXW0	Field_Sample	Soil		06/11/2013 14:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:13:00	DB-35MS	GC5
JSXW0	Field_Sample	Soil		06/11/2013 14:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:13:00	DB-XLB	GC5
JSXW1	Field_Sample	Soil		06/11/2013 15:10:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:28:00	DB-35MS	GC5
JSXW1	Field_Sample	Soil		06/11/2013 15:10:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:28:00	DB-XLB	GC5
JSXW2	Field_Sample	Soil		06/11/2013 16:55:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:43:00	DB-35MS	GC5
JSXW2	Field_Sample	Soil		06/11/2013 16:55:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:43:00	DB-XLB	GC5
JSXW3	Field_Sample	Soil		06/11/2013 12:55:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:59:00	DB-35MS	GC5
JSXW3	Field_Sample	Soil		06/11/2013 12:55:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 21:59:00	DB-XLB	GC5
JSXW4	Field_Sample	Soil		06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 22:14:00	DB-35MS	GC5
JSXW4	Field_Sample	Soil		06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 22:14:00	DB-XLB	GC5
JSXW4DL	Field_Sample	Soil		06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 11:00:00	DB-35MS	GC5
JSXW4DL	Field_Sample	Soil		06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 11:00:00	DB-XLB	GC5
JSXW5	Field_Sample	Soil		06/11/2013 14:40:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 22:30:00	DB-35MS	GC5
JSXW5	Field_Sample	Soil		06/11/2013 14:40:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 22:30:00	DB-XLB	GC5
JSXW6	Field_Sample	Soil		06/11/2013 17:28:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 22:45:00	DB-35MS	GC5
JSXW6	Field_Sample	Soil		06/11/2013 17:28:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 22:45:00	DB-XLB	GC5
JSXW7	Field_Sample	Soil		06/11/2013 18:58:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:01:00	DB-35MS	GC5
JSXW7	Field_Sample	Soil		06/11/2013 18:58:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:01:00	DB-XLB	GC5
JSXW8	Field_Sample	Soil		06/11/2013 16:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:16:00	DB-35MS	GC5
JSXW8	Field_Sample	Soil		06/11/2013 16:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:16:00	DB-XLB	GC5

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXT7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 177787 **SOW** SOM01.2

Analytical Sample Listing

Pest

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXW9	Field_Sample	Soil		06/11/2013 17:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:32:00	DB-35MS	GC5
JSXW9	Field_Sample	Soil		06/11/2013 17:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:32:00	DB-XLB	GC5
JSXX0	Field_Sample	Soil		06/11/2013 18:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:47:00	DB-35MS	GC5
JSXX0	Field_Sample	Soil		06/11/2013 18:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/19/2013 23:47:00	DB-XLB	GC5
JSXX1	Field_Sample	Soil		06/11/2013 18:40:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:02:00	DB-35MS	GC5
JSXX1	Field_Sample	Soil		06/11/2013 18:40:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:02:00	DB-XLB	GC5
JSXX2	Field_Sample	Soil		06/12/2013 09:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:18:00	DB-35MS	GC5
JSXX2	Field_Sample	Soil		06/12/2013 09:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:18:00	DB-XLB	GC5
JSXX3	Field_Sample	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:33:00	DB-35MS	GC5
JSXX3	Field_Sample	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:33:00	DB-XLB	GC5
JSXX3MS	Matrix_Spike	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:49:00	DB-35MS	GC5
JSXX3MS	Matrix_Spike	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 00:49:00	DB-XLB	GC5
JSXX3MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:04:00	DB-35MS	GC5
JSXX3MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:04:00	DB-XLB	GC5
JSXX4	Field_Sample	Soil		06/12/2013 11:00:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:19:00	DB-35MS	GC5
JSXX4	Field_Sample	Soil		06/12/2013 11:00:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:19:00	DB-XLB	GC5
JSXX5	Field_Sample	Soil		06/12/2013 11:30:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:35:00	DB-35MS	GC5
JSXX5	Field_Sample	Soil		06/12/2013 11:30:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:35:00	DB-XLB	GC5
JSXX6	Field_Sample	Soil		06/12/2013 14:55:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:50:00	DB-35MS	GC5
JSXX6	Field_Sample	Soil		06/12/2013 14:55:00	06/14/2013 09:00:00	Sonication	06/17/2013 14:47:00	06/20/2013 01:50:00	DB-XLB	GC5

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXT7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 177787 **SOW** SOM01.2

Analytical Sample Listing

Aroclor

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXT7	Field_Sample	Soil		06/10/2013 16:50:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 17:28:00	DB-35MS	GC11
JSXT7	Field_Sample	Soil		06/10/2013 16:50:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 17:28:00	DB-XLB	GC11
JSXT8	Field_Sample	Soil		06/10/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 17:43:00	DB-35MS	GC11
JSXT8	Field_Sample	Soil		06/10/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 17:43:00	DB-XLB	GC11
JSXT9	Field_Sample	Soil		06/11/2013 11:02:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 17:58:00	DB-35MS	GC11
JSXT9	Field_Sample	Soil		06/11/2013 11:02:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 17:58:00	DB-XLB	GC11
JSXW0	Field_Sample	Soil		06/11/2013 14:20:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:13:00	DB-35MS	GC11
JSXW0	Field_Sample	Soil		06/11/2013 14:20:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:13:00	DB-XLB	GC11
JSXW1	Field_Sample	Soil		06/11/2013 15:10:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:28:00	DB-35MS	GC11
JSXW1	Field_Sample	Soil		06/11/2013 15:10:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:28:00	DB-XLB	GC11
JSXW2	Field_Sample	Soil		06/11/2013 16:55:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:43:00	DB-35MS	GC11
JSXW2	Field_Sample	Soil		06/11/2013 16:55:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:43:00	DB-XLB	GC11
JSXW3	Field_Sample	Soil		06/11/2013 12:55:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:57:00	DB-35MS	GC11
JSXW3	Field_Sample	Soil		06/11/2013 12:55:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 18:57:00	DB-XLB	GC11
JSXW4	Field_Sample	Soil		06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:12:00	DB-35MS	GC11
JSXW4	Field_Sample	Soil		06/11/2013 13:35:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:12:00	DB-XLB	GC11
JSXW5	Field_Sample	Soil		06/11/2013 14:40:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:27:00	DB-35MS	GC11
JSXW5	Field_Sample	Soil		06/11/2013 14:40:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:27:00	DB-XLB	GC11
JSXW6	Field_Sample	Soil		06/11/2013 17:28:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:42:00	DB-35MS	GC11
JSXW6	Field_Sample	Soil		06/11/2013 17:28:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:42:00	DB-XLB	GC11
JSXW7	Field_Sample	Soil		06/11/2013 18:58:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:57:00	DB-35MS	GC11
JSXW7	Field_Sample	Soil		06/11/2013 18:58:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 19:57:00	DB-XLB	GC11
JSXW8	Field_Sample	Soil		06/11/2013 16:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:12:00	DB-35MS	GC11
JSXW8	Field_Sample	Soil		06/11/2013 16:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:12:00	DB-XLB	GC11
JSXW9	Field_Sample	Soil		06/11/2013 17:45:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:27:00	DB-35MS	GC11
JSXW9	Field_Sample	Soil		06/11/2013 17:45:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:27:00	DB-XLB	GC11

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXT7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 177787 **SOW** SOM01.2

Analytical Sample Listing

Aroclor

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXX0	Field_Sample	Soil		06/11/2013 18:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:42:00	DB-35MS	GC11
JSXX0	Field_Sample	Soil		06/11/2013 18:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:42:00	DB-XLB	GC11
JSXX1	Field_Sample	Soil		06/11/2013 18:40:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:57:00	DB-35MS	GC11
JSXX1	Field_Sample	Soil		06/11/2013 18:40:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 20:57:00	DB-XLB	GC11
JSXX2	Field_Sample	Soil		06/12/2013 09:50:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:11:00	DB-35MS	GC11
JSXX2	Field_Sample	Soil		06/12/2013 09:50:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:11:00	DB-XLB	GC11
JSXX3	Field_Sample	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:26:00	DB-35MS	GC11
JSXX3	Field_Sample	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:26:00	DB-XLB	GC11
JSXX3MS	Matrix_Spike	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:41:00	DB-35MS	GC11
JSXX3MS	Matrix_Spike	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:41:00	DB-XLB	GC11
JSXX3MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:56:00	DB-35MS	GC11
JSXX3MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 10:25:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 21:56:00	DB-XLB	GC11
JSXX4	Field_Sample	Soil		06/12/2013 11:00:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 22:11:00	DB-35MS	GC11
JSXX4	Field_Sample	Soil		06/12/2013 11:00:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 22:11:00	DB-XLB	GC11
JSXX5	Field_Sample	Soil		06/12/2013 11:30:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 22:26:00	DB-35MS	GC11
JSXX5	Field_Sample	Soil		06/12/2013 11:30:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 22:26:00	DB-XLB	GC11
JSXX6	Field_Sample	Soil		06/12/2013 14:55:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 22:40:00	DB-35MS	GC11
JSXX6	Field_Sample	Soil		06/12/2013 14:55:00	06/14/2013 09:00:00	Sonication	06/18/2013 09:10:00	06/18/2013 22:40:00	DB-XLB	GC11

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: June 29, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Organic Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 1 water and 7 soil/sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Organic analyses (EPA CLP SOW SOM01.2) were performed by Shealy Environmental Services, Inc, West Columbia, South Carolina. All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic and/or Manual Process (S4VEM).

The samples were numbered:

JSXX7	JSXX8	JSXX9	JSXY0	JSXY1
JSXY2	JSXY3	JSXY4		

No discrepancies were noted.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

Date: June 26, 2013

Reply to:
Attn of: OEA-095

MEMORANDUM

Subject: Data Validation Report for the Semivolatile Organic (SVOC/SIM), Pesticides and PCB analyses of soil samples collected from the West Salem Site
Case Number: 43548 SDG: JSXX7

From: Raymond Wu, QA Chemist 6/26/13
Office of Environmental Assessment (OEA - 095), USEPA Region 10

To: Joanne Labaw, Task Monitor
Office of Environmental Clean-up (ECL-112), USEPA Region 10

CC: Renee Nordeen, Analytical Coordinator
Ecology & Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of seven soil and one water samples collected from the above referenced site has been completed. These samples were analyzed for SVOC/SIM, Pesticides and PCBs in accordance with the USEPA Contract Laboratory Program (CLP) Statement of Work (SOW) for Multi-Media, Multi-Concentration Organic Analyses (SOM01.2) by Shealy Environmental Services, Inc. located in West Columbia, South Carolina.

All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic & Manual Process (S4VEM). The validations were conducted and appropriate qualifiers were applied according to the Quality Control Specifications outlined in the Quality Assurance Project Plan for West Salem in Salem, Oregon, dated May, 2013, the technical specifications of USEPA CLP SOW for Organic Data Review, the Contract Laboratory Program's National Functional Guidelines for Organic Data Review and the Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (EPA-540-R08-005). Some of the data quality elements were qualified based on the professional judgment of the reviewer.

A summary of samples evaluated in this validation report and the pertinent dates for sample collection, sample receipt at the laboratory, extraction and analyses is listed in Sample Index Table found at the end of this report.

The conclusions presented herein are based on the information provided for the review.

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I. QUALITY CONTROL RESULTS SUMMARY

Semivolatile Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 5X Blank†
Initial Calibration	N	RRF < 0.05‡ or ≤ 30% RSD
Continuing Calibration Verification	N	RRF < 0.05‡ or Open: ≤ 25% D, Close: ≤ 50% D
Deuterated Monitoring Compounds	N	Varies by Compound
Internal Standards	N	50 – 200% of 12-hour standard
SIM Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N^/Y#	Non-detect or < 5X Blank†
Initial Calibration	N	RRF < 0.05‡ or ≤ 30% RSD
Continuing Calibration Verification	N	RRF < 0.05‡ or Open: ≤ 25% D, Close: ≤ 50% D
Deuterated Monitoring Compounds	N	Varies by Compound
Internal Standards	N	50 – 200% of 12-hour standard
Pesticide Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	Y^/N#	Non-detect or < 5X Blank†
Initial Calibration	N	RSD ≤ 20% (Target Analytes) or ≤ 30% RSD for alpha & delta-BHC
Continuing Calibration Verification	N	-25% ≤ PEM ≤ 25%
	N^/Y#	-25% ≤ INDC≤25%
Deuterated Monitoring Compounds	N	Varies by Compound
Identification %D from two columns	Y*	30%-60% JK for hits > CRQL, JQ for hits <CRQL; U for >60% raised to the CRQL
Resolution & percent breakdowns	N	Resolution checks > 60%; PEM, INDC resolution > 80%; %DDT/Endrin ≤ 20%; Combined DDT-Endrin ≤ 30%
Aroclor Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 10X Blank
Initial Calibration	N	≤ 20% RSD
Continuing Calibration Verification	N	Open: ≤ 15% D, Close: ≤ 50% D
Surrogate Spikes	N	30 – 150%
Laboratory Control Samples	N	50 – 150%
Target Compound Identification	N	≤ 30% D

*See the Manual/Electronic Data Review Results section below for outliers and qualification of affected data.
†10X Blank for ketones or solvents.

‡RRF < 0.01 for semivolatile target compounds exhibiting poor response (see Organic CLP NFGs Table 28).
(Note: RRF = Relative Response Factor, RSD = Relative Standard Deviation, D = Difference)
^ - Soil, # - water

II. DATA QUALIFICATIONS

Summary of Validation Qualifiers Applied:

Please find them in the "Sample Summary Report Section" of this report.

Data Qualifiers

The following is a list of validation qualifiers applied to the sample result(s) when needed to indicate associated out-of-control QA/QC results.

Data Qualifiers		
	U	The analyte was not detected at or above the reported result.
	J	The analyte was positively identified. The associated numerical result is an estimate.
	UJ	The analyte was not detected at or above the reported estimated result. The associated numerical value is an estimate of the quantitation limit of the analyte in this sample.
	R	The data are unusable for all purposes.
	N	There is evidence the analyte is present in this sample.
	JN	There is evidence that the analyte is present. The associated numerical result is an estimate.

For site assessment and investigations, the following bias qualifiers are applied to the data in addition to the above data qualifiers when necessary to allow for data analysis and interpretation using Pre-Score software calculations for National Priority Listing Hazard Rankling Scoring (NPL-HRS).

Bias Qualifiers		
	L	Low bias.
	H	High bias.
	Q	The result is estimated because the concentration is below the Contract Required Quantitation Limits (CRQLs).
	K	Unknown Bias

Attachments:

Sample Summary Report
Analytical Sample Listing (Report #6)

Sample Summary Report

Case No:	43548	Contract:	EPW11035	SDG No:	JSXX7	Lab Code:	SHEALY
Sample Number:	ABLK43	Method:	Aroclor	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	1.0	ug/L	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	1.0	ug/L	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1260	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1232	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1242	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1248	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1254	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1262	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1268	1.0	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: ABLK67	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	33	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1260	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	33	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: ALCS43	Method: Aroclor	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	0.96	ug/L	1.0	J	J	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1260	1.0	ug/L	1.0			Yes	S4VEM
Aroclor-1232	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1242	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1248	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1254	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1262	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1268	1.0	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: ALCS67	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	33	ug/kg	1.0			Yes	S4VEM
Aroclor-1221	33	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1260	36	ug/kg	1.0			Yes	S4VEM
Aroclor-1232	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	33	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY

Sample Number:	JSXX7	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM02SS	pH:	8.3	Sample Date:	06/12/2013	Sample Time:	15:20:00
% Moisture :	5.6			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	1.8	ug/kg	1.0	JPB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	0.30	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	3.5	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.5	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.5	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	18	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.5	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	0.074	ug/kg	1.0	J	JQ	Yes	S4VEM
Toxaphene	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY

Sample Number:	JSXX7	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM02SS	pH:	8.3	Sample Date:	06/12/2013	Sample Time:	15:20:00
% Moisture :	5.6			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.0	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	1.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	0.82	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY

Sample Number:	JSXX7	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM02SS	pH:	8.3	Sample Date:	06/12/2013	Sample Time:	15:20:00
% Moisture :	5.6			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	35	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	35	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM02SS	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	U	No	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	340	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	180	ug/kg	1.0	U	U	No	S4VEM
3-Nitroaniline	340	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	180	ug/kg	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	340	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	340	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	340	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	340	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	340	ug/kg	1.0	U	U	No	S4VEM
Phenanthrene	180	ug/kg	1.0	U	U	No	S4VEM
Anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Chrysene	180	ug/kg	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MS	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenol	870	ug/kg	1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol	840	ug/kg	1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	900	ug/kg	1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	950	ug/kg	1.0			Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	880	ug/kg	1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	1000	ug/kg	1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	980	ug/kg	1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Chloroaniline-d4			1.0			Yes	S4VEM
Pentachlorophenol	790	ug/kg	1.0			Yes	S4VEM
Pyrene	1000	ug/kg	1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Acenaphthylene	180	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	350	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	350	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	180	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	180	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MS	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	120	ug/kg	1.0			Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	34	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	130	ug/kg	1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	34	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	34	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	34	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	34	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	34	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	34	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MS	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	7.7	ug/kg	1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Pentachlorophenol	9.2	ug/kg	1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	11	ug/kg	1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenanthrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.5	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MS	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
gamma-BHC (Lindane)	9.7	ug/kg	1.0		J	Yes	S4VEM
alpha-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	1.8	ug/kg	1.0	JPB	U	Yes	S4VEM
Heptachlor	9.9	ug/kg	1.0		J	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aldrin	9.7	ug/kg	1.0		J	Yes	S4VEM
delta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	26	ug/kg	1.0		J	Yes	S4VEM
Endrin	28	ug/kg	1.0		J	Yes	S4VEM
4,4'-DDT	29	ug/kg	1.0		J	Yes	S4VEM
Heptachlor epoxide	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	0.11	ug/kg	1.0	JP	J	Yes	S4VEM
4,4'-DDE	0.44	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	3.4	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.27	ug/kg	1.0	JP	J	Yes	S4VEM
Endosulfan sulfate	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	18	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	0.81	ug/kg	1.0	J	J	Yes	S4VEM
Endrin aldehyde	0.43	ug/kg	1.0	J	J	Yes	S4VEM
alpha-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MSD	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
gamma-BHC (Lindane)	14	ug/kg	1.0		J	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	14	ug/kg	1.0		J	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	14	ug/kg	1.0		J	Yes	S4VEM
delta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	31	ug/kg	1.0		J	Yes	S4VEM
Endrin	32	ug/kg	1.0		J	Yes	S4VEM
4,4'-DDT	33	ug/kg	1.0		J	Yes	S4VEM
Heptachlor epoxide	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	0.14	ug/kg	1.0	JP	J	Yes	S4VEM
4,4'-DDE	0.45	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	3.5	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.30	ug/kg	1.0	JP	J	Yes	S4VEM
Endosulfan sulfate	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	18	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	1.0	ug/kg	1.0	J	J	Yes	S4VEM
Endrin aldehyde	0.59	ug/kg	1.0	J	J	Yes	S4VEM
alpha-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	0.097	ug/kg	1.0	JP	J	Yes	S4VEM
Toxaphene	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MSD	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenol	930	ug/kg	1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
2-Chlorophenol	880	ug/kg	1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	960	ug/kg	1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	1000	ug/kg	1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Acenaphthene	930	ug/kg	1.0			Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	1100	ug/kg	1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	1000	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	920	ug/kg	1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	1100	ug/kg	1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	180	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4-Dinitrophenol	350	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	350	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	180	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	180	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MSD	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	120	ug/kg	1.0			Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1260	130	ug/kg	1.0			Yes	S4VEM
Aroclor-1221	35	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	35	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX7MSD	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture : 5.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	7.5	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	8.9	ug/kg	1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	11	ug/kg	1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.5	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX8	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM03SS	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:50:00
% Moisture : 13.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.7	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX8	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM03SS	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 15:50:00
% Moisture : 13.5		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	200	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	U	Yes	S4VEM
Acetophenone	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	200	ug/kg	1.0	U	U	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	U	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	200	ug/kg	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	200	ug/kg	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	200	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	U	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	U	No	S4VEM
Anthracene	200	ug/kg	1.0	U	U	No	S4VEM
Carbazole	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	200	ug/kg	1.0	U	U	No	S4VEM
Pyrene	200	ug/kg	1.0	U	U	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	U	No	S4VEM
Chrysene	200	ug/kg	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	U	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Unknown Alkane	160	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Unknown Alkane	100	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY

Sample Number:	JSXX8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM03SS	pH:	8.3	Sample Date:	06/12/2013	Sample Time:	15:50:00
% Moisture :	13.5			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	38	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	38	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY

Sample Number:	JSXX8	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM03SS	pH:	8.3	Sample Date:	06/12/2013	Sample Time:	15:50:00
% Moisture :	13.5			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	JB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	0.10	ug/kg	1.0	J	JQ	Yes	S4VEM
Dieldrin	0.31	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.21	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.7	ug/kg	1.0	JPB	U	Yes	S4VEM
4,4'-DDD	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.7	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX9	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM04SS	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 17:35:00
% Moisture : 6.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	U	No	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	180	ug/kg	1.0	U	U	No	S4VEM
3-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	180	ug/kg	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	350	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	350	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	350	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	350	ug/kg	1.0	U	U	No	S4VEM
Phenanthrene	180	ug/kg	1.0	U	U	No	S4VEM
Anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Chrysene	180	ug/kg	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX9	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM04SS	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 17:35:00
% Moisture : 6.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.2	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.5	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY

Sample Number:	JSXX9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM04SS	pH:	8.3	Sample Date:	06/12/2013	Sample Time:	17:35:00
% Moisture :	6.9			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	35	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	35	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXX9	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM04SS	pH: 8.3	Sample Date: 06/12/2013	Sample Time: 17:35:00
% Moisture : 6.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	1.8	ug/kg	1.0	JB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.79	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endrin	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.4	ug/kg	1.0	JPB	U	Yes	S4VEM
4,4'-DDD	3.4	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan sulfate	3.4	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	4.0	ug/kg	1.0			Yes	S4VEM
Methoxychlor	18	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.4	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.4	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY0	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM05SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 18:00:00
% Moisture : 12.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene			1.0	U		Yes	S4VEM
Naphthalene-d8	3.8	ug/kg	1.0		U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene			1.0	U		Yes	S4VEM
Acenaphthene-d10	3.8	ug/kg	1.0		U	Yes	S4VEM
Perylene-d12	3.8	ug/kg	1.0		U	Yes	S4VEM
Acenaphthene			1.0	U		Yes	S4VEM
Fluorene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY0	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM05SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 18:00:00
% Moisture : 12.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	38	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	38	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	38	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY0	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM05SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 18:00:00
% Moisture : 12.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	U	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	U	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	U	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	U	No	S4VEM
Anthracene	190	ug/kg	1.0	U	U	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	U	No	S4VEM
Pyrene	190	ug/kg	1.0	U	U	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	U	No	S4VEM
Chrysene	190	ug/kg	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	110	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	U	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY0	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM05SS	pH: 7.8	Sample Date: 06/12/2013	Sample Time: 18:00:00
% Moisture : 12.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	JPB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	0.078	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	3.7	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.085	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	3.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	0.51	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.7	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.7	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	0.97	ug/kg	1.0	J	JQ	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY1	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM06SS	pH: 6.8	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture : 8.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene			1.0	U		Yes	S4VEM
2-Methylnaphthalene-d10	3.5	ug/kg	1.0		U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12	3.5	ug/kg	1.0		U	Yes	S4VEM
Acenaphthene			1.0	U		Yes	S4VEM
Fluorene			1.0	U		Yes	S4VEM
Chrysene-d12	3.5	ug/kg	1.0		U	Yes	S4VEM
Pentachlorophenol	7.2	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.6	ug/kg	1.0			Yes	S4VEM
Pyrene	5.3	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	2.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	3.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	3.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	2.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Dibenzo(a,h)anthracene	3.5	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	4.1	ug/kg	1.0			Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY1	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM06SS	pH: 6.8	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture : 8.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	0.068	ug/kg	1.0	JP	JQ	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.8	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Heptachlor	1.8	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Heptachlor epoxide	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	4.8	ug/kg	1.0	P	JK	Yes	S4VEM
4,4'-DDE	6.0	ug/kg	1.0	P		Yes	S4VEM
Endrin	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	3.6	ug/kg	1.0	JPB	U	Yes	S4VEM
4,4'-DDD	1.1	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan sulfate	0.28	ug/kg	1.0	JP	JQ	Yes	S4VEM
4,4'-DDT	18	ug/kg	1.0			Yes	S4VEM
Methoxychlor	18	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin aldehyde	3.6	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
gamma-Chlordane	1.8	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	180	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY1	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM06SS	pH: 6.8	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture : 8.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	180	ug/kg	1.0	U	U	Yes	S4VEM
Acetophenone	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	180	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	180	ug/kg	1.0	U	U	No	S4VEM
4-Chloroaniline	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	180	ug/kg	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	180	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	180	ug/kg	1.0	U	U	No	S4VEM
3-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	180	ug/kg	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	350	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	350	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	180	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	180	ug/kg	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	350	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	350	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	180	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	180	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	180	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	180	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	350	ug/kg	1.0	U	U	No	S4VEM
Phenanthrene	180	ug/kg	1.0	U	U	No	S4VEM
Anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Carbazole	180	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Butylbenzylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Chrysene	180	ug/kg	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	140	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	180	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(a)pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	180	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Stigmast-4-en-3-one	370	ug/kg	1.0	NJ	NJ	Yes	S4VEM
4,22-Stigmastadiene-3-one	190	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Tetracosanoic acid	160	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Tetradecanal	450	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Docosanoic acid	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	400	ug/kg	1.0	NJ	NJ	Yes	S4VEM
9-Octadecenoic acid, (E)-	310	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Octadecane, 1-iodo-	440	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Squalene	86	ug/kg	1.0	NJ	NJ	Yes	S4VEM
2-Heptacosanone	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Hexadecanal	220	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Octadecanoic acid	190	ug/kg	1.0	NJ	NJ	Yes	S4VEM
1,19-Eicosadiene	860	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY1	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM06SS	pH: 6.8	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture : 8.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	36	ug/kg	1.0	U	U	No	S4VEM
Tetrachloro-m-xylene			1.0			No	S4VEM
Decachlorobiphenyl			1.0			No	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	No	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	No	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	No	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	No	S4VEM
Aroclor-1254	14	ug/kg	1.0	JS	J	No	S4VEM
Aroclor-1260	36	ug/kg	1.0	U	U	No	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	No	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY1RE	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM06SS	pH: 6.8	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture : 8.8		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	36	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	15	ug/kg	1.0	J	JQ	Yes	S4VEM
Aroclor-1260	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	36	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	36	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY2	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM07SS	pH: 5.8	Sample Date: 06/12/2013	Sample Time: 19:14:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	1.9	ug/kg	1.0	JPB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.9	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	3.6	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.63	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.6	ug/kg	1.0	JPB	U	Yes	S4VEM
4,4'-DDD	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	270	ug/kg	1.0	E		No	S4VEM
4,4'-DDT	2.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	19	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	1.9	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin aldehyde	0.41	ug/kg	1.0	J	JQ	Yes	S4VEM
alpha-Chlordane	0.21	ug/kg	1.0	JP	JQ	Yes	S4VEM
gamma-Chlordane	1.9	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	190	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY2	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM07SS	pH: 5.8	Sample Date: 06/12/2013	Sample Time: 19:14:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.6	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.4	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	6.0	ug/kg	1.0			Yes	S4VEM
Anthracene	2.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene	10	ug/kg	1.0			Yes	S4VEM
Pyrene	13	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	8.0	ug/kg	1.0			Yes	S4VEM
Chrysene	8.3	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	5.4	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	1.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)pyrene	7.0	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Dibenzo(a,h)anthracene	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(g,h,i)perylene	6.1	ug/kg	1.0			Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY2	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM07SS	pH: 5.8	Sample Date: 06/12/2013	Sample Time: 19:14:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	35	ug/kg	1.0	JP	U	Yes	S4VEM
Aroclor-1262	35	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	35	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY2	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM07SS	pH: 5.8	Sample Date: 06/12/2013	Sample Time: 19:14:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	U	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	U	No	S4VEM
3-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	360	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	360	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	360	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	360	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	360	ug/kg	1.0	U	U	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	U	No	S4VEM
Anthracene	190	ug/kg	1.0	U	U	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	U	No	S4VEM
Pyrene	190	ug/kg	1.0	U	U	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	U	No	S4VEM
Chrysene	190	ug/kg	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	U	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Octadecanoic acid	100	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Docosanoic acid	360	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Cinnamyl cinnamate	110	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Stigmast-4-en-3-one	160	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Tetracosanoic acid	990	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY2DL	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM07SS	pH: 5.8	Sample Date: 06/12/2013	Sample Time: 19:14:00
% Moisture : 9.6		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	19	ug/kg	10.0	U	U	No	S4VEM
Tetrachloro-m-xylene			10.0	D		No	S4VEM
Decachlorobiphenyl			10.0	D		No	S4VEM
beta-BHC	19	ug/kg	10.0	U	U	No	S4VEM
delta-BHC	19	ug/kg	10.0	U	U	No	S4VEM
gamma-BHC (Lindane)	19	ug/kg	10.0	U	U	No	S4VEM
Heptachlor	19	ug/kg	10.0	U	U	No	S4VEM
Aldrin	19	ug/kg	10.0	U	U	No	S4VEM
Heptachlor epoxide	19	ug/kg	10.0	U	U	No	S4VEM
Endosulfan I	19	ug/kg	10.0	U	U	No	S4VEM
Dieldrin	3.7	ug/kg	10.0	J D	J	No	S4VEM
4,4'-DDE	0.67	ug/kg	10.0	J DP	J	No	S4VEM
Endrin	1.6	ug/kg	10.0	J D	J	No	S4VEM
Endosulfan II	36	ug/kg	10.0	U	U	No	S4VEM
4,4'-DDD	36	ug/kg	10.0	U	U	No	S4VEM
Endosulfan sulfate	230	ug/kg	10.0	D		Yes	S4VEM
4,4'-DDT	36	ug/kg	10.0	U	U	No	S4VEM
Methoxychlor	190	ug/kg	10.0	U	U	No	S4VEM
Endrin ketone	36	ug/kg	10.0	U	U	No	S4VEM
Endrin aldehyde	36	ug/kg	10.0	U	U	No	S4VEM
alpha-Chlordane	19	ug/kg	10.0	U	U	No	S4VEM
gamma-Chlordane	19	ug/kg	10.0	U	U	No	S4VEM
Toxaphene	1900	ug/kg	10.0	U	U	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY3	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SD	pH: 5.9	Sample Date: 06/12/2013	Sample Time: 18:17:00
% Moisture : 57.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	4.0	ug/kg	1.0	JPB	U	Yes	S4VEM
delta-BHC	4.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	0.34	ug/kg	1.0	JP	JQ	Yes	S4VEM
Dieldrin	7.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	3.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	7.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	7.7	ug/kg	1.0	JPB	U	Yes	S4VEM
4,4'-DDD	1.9	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	7.7	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	7.7	ug/kg	1.0	JP	U	Yes	S4VEM
Methoxychlor	40	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	7.7	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	7.7	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
gamma-Chlordane	0.21	ug/kg	1.0	J	JQ	Yes	S4VEM
Toxaphene	400	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY3	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SD	pH: 5.9	Sample Date: 06/12/2013	Sample Time: 18:17:00
% Moisture : 57.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	7.6	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	2.9	ug/kg	1.0	J	JQ	Yes	S4VEM
Acenaphthene	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	16	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	9.3	ug/kg	1.0			Yes	S4VEM
Anthracene	2.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene	12	ug/kg	1.0			Yes	S4VEM
Pyrene	21	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	11	ug/kg	1.0			Yes	S4VEM
Chrysene	13	ug/kg	1.0			Yes	S4VEM
Benzo(b)fluoranthene	5.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	2.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Dibenzo(a,h)anthracene	7.6	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	4.4	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY3	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SD	pH: 5.9	Sample Date: 06/12/2013	Sample Time: 18:17:00
% Moisture : 57.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	390	ug/kg	1.0	U	U	Yes	S4VEM
Phenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylphenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	390	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	390	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	390	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	390	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	390	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	390	ug/kg	1.0	U	U	No	S4VEM
4-Chloroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	390	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	390	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	390	ug/kg	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	390	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	390	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	390	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	760	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	390	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	390	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	390	ug/kg	1.0	U	U	No	S4VEM
3-Nitroaniline	760	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	390	ug/kg	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	760	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	760	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	390	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	390	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	390	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	390	ug/kg	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	760	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	760	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	390	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	390	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	390	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	390	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	760	ug/kg	1.0	U	U	No	S4VEM
Phenanthrene	390	ug/kg	1.0	U	U	No	S4VEM
Anthracene	390	ug/kg	1.0	U	U	No	S4VEM
Carbazole	390	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	390	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	390	ug/kg	1.0	U	U	No	S4VEM
Pyrene	390	ug/kg	1.0	U	U	No	S4VEM
Butylbenzylphthalate	390	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	390	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	390	ug/kg	1.0	U	U	No	S4VEM
Chrysene	390	ug/kg	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	390	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	390	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	390	ug/kg	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	390	ug/kg	1.0	U	U	No	S4VEM
Benzo(a)pyrene	390	ug/kg	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	390	ug/kg	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	390	ug/kg	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	390	ug/kg	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	390	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	530	ug/kg	1.0	NJ	NJ	Yes	S4VEM
1,19-Eicosadiene	2700	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Pentafluoropropionic acid, heptadecyl es	930	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Docosanoic acid	280	ug/kg	1.0	NJ	NJ	Yes	S4VEM
1,19-Eicosadiene			1.0	NJ		Yes	S4VEM
4-(1,3,3-Trimethyl-bicyclo[4.1.0]hept-2-	2100	ug/kg	1.0	NJ	NJ	Yes	S4VEM
A'-Neogammacer-22(29)-en-3-one	2700	ug/kg	1.0	NJ	NJ	Yes	S4VEM
1-Pentadecanethiol	520	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY3	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SD	pH: 5.9	Sample Date: 06/12/2013	Sample Time: 18:17:00
% Moisture : 57.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	76	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221			1.0	U		Yes	S4VEM
Decachlorobiphenyl	76	ug/kg	1.0		U	Yes	S4VEM
Aroclor-1232	76	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	76	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	76	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	76	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	76	ug/kg	1.0	JP	U	Yes	S4VEM
Aroclor-1262	76	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	76	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY4	Method: BNA	Matrix: Water	MA Number: DEFAULT
Sample Location: RI01WT	pH: 7.0	Sample Date: 06/13/2013	Sample Time: 13:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	5.0	ug/L	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	5.0	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	5.0	ug/L	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	5.0	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Isophorone	5.0	ug/L	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	5.0	ug/L	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Naphthalene	5.0	ug/L	1.0	U	U	No	S4VEM
4-Chloroaniline	5.0	ug/L	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Caprolactam	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	5.0	ug/L	1.0	U	U	No	S4VEM
Hexachlorocyclopentadiene	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Nitroaniline	10	ug/L	1.0	U	U	Yes	S4VEM
Dimethylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthylene	5.0	ug/L	1.0	U	U	No	S4VEM
3-Nitroaniline	10	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthene	5.0	ug/L	1.0	U	U	No	S4VEM
2,4-Dinitrophenol	10	ug/L	1.0	U	U	Yes	S4VEM
4-Nitrophenol	10	ug/L	1.0	U	U	Yes	S4VEM
Dibenzofuran	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	5.0	ug/L	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Fluorene	5.0	ug/L	1.0	U	U	No	S4VEM
4-Chlorophenyl-phenylether	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Nitroaniline	10	ug/L	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	10	ug/L	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	5.0	ug/L	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	5.0	ug/L	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Atrazine	5.0	ug/L	1.0	U	U	Yes	S4VEM
Pentachlorophenol	10	ug/L	1.0	U	U	No	S4VEM
Phenanthrene	5.0	ug/L	1.0	U	U	No	S4VEM
Anthracene	5.0	ug/L	1.0	U	U	No	S4VEM
Carbazole	5.0	ug/L	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Fluoranthene	5.0	ug/L	1.0	U	U	No	S4VEM
Pyrene	5.0	ug/L	1.0	U	U	No	S4VEM
Butylbenzylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	5.0	ug/L	1.0	U	U	No	S4VEM
Chrysene	5.0	ug/L	1.0	U	U	No	S4VEM
bis(2-Ethylhexyl)phthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	5.0	ug/L	1.0	U	U	No	S4VEM
Benzo(k)fluoranthene	5.0	ug/L	1.0	U	U	No	S4VEM
Benzo(a)pyrene	5.0	ug/L	1.0	U	U	No	S4VEM
Indeno(1,2,3-cd)pyrene	5.0	ug/L	1.0	U	U	No	S4VEM
Dibenzo(a,h)anthracene	5.0	ug/L	1.0	U	U	No	S4VEM
Benzo(g,h,i)perylene	5.0	ug/L	1.0	U	U	No	S4VEM
2,3,4,6-Tetrachlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY4	Method: BNA_SIM	Matrix: Water	MA Number: DEFAULT
Sample Location: RI01WT	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 13:00:00
%. Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	0.10	ug/L	1.0	JB	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Fluorene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	0.20	ug/L	1.0	U	U	Yes	S4VEM
Phenanthrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Anthracene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Fluoranthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Pyrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Chrysene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	0.10	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY4	Method: Pest	Matrix: Water	MA Number: DEFAULT
Sample Location: RI01WT	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 13:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	0.0072	ug/L	1.0	J	JQ	Yes	S4VEM
delta-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	0.050	ug/L	1.0	U	U	Yes	S4VEM
Heptachlor	0.050	ug/L	1.0	U	U	Yes	S4VEM
Aldrin	0.050	ug/L	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	0.050	ug/L	1.0	U	U	Yes	S4VEM
Endosulfan I	0.050	ug/L	1.0	U	U	Yes	S4VEM
Dieldrin	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endrin	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endosulfan II	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDT	0.10	ug/L	1.0	U	U	Yes	S4VEM
Methoxychlor	0.50	ug/L	1.0	U	U	Yes	S4VEM
Endrin ketone	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endrin aldehyde	0.10	ug/L	1.0	U	U	Yes	S4VEM
alpha-Chlordane	0.050	ug/L	1.0	U	U	Yes	S4VEM
gamma-Chlordane	0.050	ug/L	1.0	U	U	Yes	S4VEM
Toxaphene	5.0	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: JSXY4	Method: Aroclor	Matrix: Water	MA Number: DEFAULT
Sample Location: RI01WT	pH: 7.0	Sample Date: 06/13/2013	Sample Time: 13:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	1.0	ug/L	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1232	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1242	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1248	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1254	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1260	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1262	1.0	ug/L	1.0	U	U	Yes	S4VEM
Aroclor-1268	1.0	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: PBLK16	Method: Pest	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
beta-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	0.050	ug/L	1.0	U	U	Yes	S4VEM
Heptachlor	0.050	ug/L	1.0	U	U	Yes	S4VEM
Aldrin	0.050	ug/L	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	0.050	ug/L	1.0	U	U	Yes	S4VEM
Endosulfan I	0.050	ug/L	1.0	U	U	Yes	S4VEM
Dieldrin	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endrin	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endosulfan II	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDT	0.10	ug/L	1.0	U	U	Yes	S4VEM
Methoxychlor	0.50	ug/L	1.0	U	U	Yes	S4VEM
Endrin ketone	0.10	ug/L	1.0	U	U	Yes	S4VEM
Endrin aldehyde	0.10	ug/L	1.0	U	U	Yes	S4VEM
alpha-Chlordane	0.050	ug/L	1.0	U	U	Yes	S4VEM
gamma-Chlordane	0.050	ug/L	1.0	U	U	Yes	S4VEM
Toxaphene	5.0	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: PBLK22	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	0.19	ug/kg	1.0	J	J	Yes	S4VEM
delta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	0.11	ug/kg	1.0	JP	J	Yes	S4VEM
4,4'-DDD	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	17	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.3	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: PLCS16	Method: Pest	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	0.042	ug/L	1.0	J	J	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
delta-BHC	0.050	ug/L	1.0	U	U	Yes	S4VEM
Dieldrin	0.090	ug/L	1.0	J	J	Yes	S4VEM
Endrin	0.089	ug/L	1.0	J	J	Yes	S4VEM
Heptachlor	0.050	ug/L	1.0	U	U	Yes	S4VEM
Aldrin	0.050	ug/L	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	0.044	ug/L	1.0	J	J	Yes	S4VEM
Endosulfan I	0.050	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.086	ug/L	1.0	J	J	Yes	S4VEM
Endosulfan sulfate	0.074	ug/L	1.0	J	J	Yes	S4VEM
gamma-Chlordane	0.042	ug/L	1.0	J	J	Yes	S4VEM
Endosulfan II	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDD	0.10	ug/L	1.0	U	U	Yes	S4VEM
4,4'-DDT	0.10	ug/L	1.0	U	U	Yes	S4VEM
Methoxychlor	0.50	ug/L	1.0	U	U	Yes	S4VEM
Endrin ketone	0.0021	ug/L	1.0	J	J	Yes	S4VEM
Endrin aldehyde	0.0025	ug/L	1.0	J	J	Yes	S4VEM
alpha-Chlordane	0.050	ug/L	1.0	U	U	Yes	S4VEM
Toxaphene	5.0	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: PLCS22	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
gamma-BHC (Lindane)	1.1	ug/kg	1.0	J	J	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	2.6	ug/kg	1.0	J	J	Yes	S4VEM
Endrin	2.6	ug/kg	1.0	J	J	Yes	S4VEM
Heptachlor	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.2	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan I	1.7	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	2.5	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan sulfate	2.4	ug/kg	1.0	J	J	Yes	S4VEM
gamma-Chlordane	1.2	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	3.3	ug/kg	1.0	JPB	U	Yes	S4VEM
4,4'-DDD	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	17	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	0.070	ug/kg	1.0	JP	J	Yes	S4VEM
Endrin aldehyde	3.3	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: SBLK73	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	170	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	170	ug/kg	1.0	U	U	Yes	S4VEM
Acetophenone	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	170	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	330	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	170	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	170	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: SBLK77	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	6.7	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.3	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: SBLK86	Method: BNA_SIM	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	0.019	ug/L	1.0	J	J	Yes	S4VEM
2-Methylnaphthalene	0.10	ug/L	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Fluorene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	0.20	ug/L	1.0	U	U	Yes	S4VEM
Phenanthrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Anthracene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Fluoranthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Pyrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Chrysene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	0.10	ug/L	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	0.10	ug/L	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXX7	Lab Code: SHEALY
Sample Number: SBLK87	Method: BNA	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	5.0	ug/L	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	5.0	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	5.0	ug/L	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	5.0	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	5.0	ug/L	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	5.0	ug/L	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
Naphthalene	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Chloroaniline	5.0	ug/L	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Caprolactam	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4,6-Trichlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	5.0	ug/L	1.0	U	U	Yes	S4VEM
2-Nitroaniline	10	ug/L	1.0	U	U	Yes	S4VEM
Dimethylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthylene	5.0	ug/L	1.0	U	U	Yes	S4VEM
3-Nitroaniline	10	ug/L	1.0	U	U	Yes	S4VEM
Acenaphthene	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	10	ug/L	1.0	U	U	Yes	S4VEM
4-Nitrophenol	10	ug/L	1.0	U	U	Yes	S4VEM
Dibenzofuran	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	5.0	ug/L	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Fluorene	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Nitroaniline	10	ug/L	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	10	ug/L	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	5.0	ug/L	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	5.0	ug/L	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	5.0	ug/L	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Atrazine	5.0	ug/L	1.0	U	U	Yes	S4VEM
Pentachlorophenol	10	ug/L	1.0	U	U	Yes	S4VEM
Phenanthrene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Anthracene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Carbazole	5.0	ug/L	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Fluoranthene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Pyrene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Chrysene	5.0	ug/L	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	5.0	ug/L	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	5.0	ug/L	1.0	U	U	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	5.0	ug/L	1.0	U	U	Yes	S4VEM

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXX7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178121 **SOW** SOM01.2

Analytical Sample Listing

BNA

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXX7	Field_Sample	Soil	Low	06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 11:20:00	Zebron ZB-SV	MSD4
JSXX7MS	Matrix_Spike	Soil	Low	06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 11:46:00	Zebron ZB-SV	MSD4
JSXX7MSD	Matrix_Spike_Duplicate	Soil	Low	06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 12:11:00	Zebron ZB-SV	MSD4
JSXX8	Field_Sample	Soil	Low	06/12/2013 15:50:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 12:37:00	Zebron ZB-SV	MSD4
JSXX9	Field_Sample	Soil	Low	06/12/2013 17:35:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 13:02:00	Zebron ZB-SV	MSD4
JSXY0	Field_Sample	Soil	Low	06/12/2013 18:00:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 13:28:00	Zebron ZB-SV	MSD4
JSXY1	Field_Sample	Soil	Low	06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 13:54:00	Zebron ZB-SV	MSD4
JSXY2	Field_Sample	Soil	Low	06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 14:23:00	Zebron ZB-SV	MSD4
JSXY3	Field_Sample	Soil	Low	06/12/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/17/2013 14:49:00	Zebron ZB-SV	MSD4
JSXY4	Field_Sample	Water	Low	06/13/2013 13:00:00	06/14/2013 09:00:00	Liq_Liq	06/14/2013 16:29:00	06/17/2013 09:39:00	Zebron ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXX7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178121 **SOW** SOM01.2

Analytical Sample Listing

BNA_SIM

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXX7	Field_Sample	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/18/2013 21:07:00	ZEBRON ZB-SV	MSD4
JSXX7MS	Matrix_Spike	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/18/2013 21:34:00	ZEBRON ZB-SV	MSD4
JSXX7MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/18/2013 22:02:00	ZEBRON ZB-SV	MSD4
JSXX8	Field_Sample	Soil		06/12/2013 15:50:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/18/2013 22:29:00	ZEBRON ZB-SV	MSD4
JSXX9	Field_Sample	Soil		06/12/2013 17:35:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/18/2013 22:57:00	ZEBRON ZB-SV	MSD4
JSXY0	Field_Sample	Soil		06/12/2013 18:00:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/18/2013 23:25:00	ZEBRON ZB-SV	MSD4
JSXY1	Field_Sample	Soil		06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/19/2013 00:20:00	ZEBRON ZB-SV	MSD4
JSXY2	Field_Sample	Soil		06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/19/2013 00:47:00	ZEBRON ZB-SV	MSD4
JSXY3	Field_Sample	Soil		06/12/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/14/2013 21:14:00	06/19/2013 01:14:00	ZEBRON ZB-SV	MSD4
JSXY4	Field_Sample	Water		06/13/2013 13:00:00	06/14/2013 09:00:00	Liq_Liq	06/14/2013 16:29:00	06/18/2013 19:16:00	ZEBRON ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXX7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178121 **SOW** SOM01.2

Analytical Sample Listing

Pest

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXX7	Field_Sample	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 10:14:00	DB-35MS	GC5
JSXX7	Field_Sample	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 10:14:00	DB-XLB	GC5
JSXX7MS	Matrix_Spike	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 10:29:00	DB-35MS	GC5
JSXX7MS	Matrix_Spike	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 10:29:00	DB-XLB	GC5
JSXX7MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 10:45:00	DB-35MS	GC5
JSXX7MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 10:45:00	DB-XLB	GC5
JSXX8	Field_Sample	Soil		06/12/2013 15:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 11:16:00	DB-35MS	GC5
JSXX8	Field_Sample	Soil		06/12/2013 15:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 11:16:00	DB-XLB	GC5
JSXX9	Field_Sample	Soil		06/12/2013 17:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 11:31:00	DB-35MS	GC5
JSXX9	Field_Sample	Soil		06/12/2013 17:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 11:31:00	DB-XLB	GC5
JSXY0	Field_Sample	Soil		06/12/2013 18:00:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 11:47:00	DB-35MS	GC5
JSXY0	Field_Sample	Soil		06/12/2013 18:00:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 11:47:00	DB-XLB	GC5
JSXY1	Field_Sample	Soil		06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:02:00	DB-35MS	GC5
JSXY1	Field_Sample	Soil		06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:02:00	DB-XLB	GC5
JSXY2	Field_Sample	Soil		06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:33:00	DB-35MS	GC5
JSXY2	Field_Sample	Soil		06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:33:00	DB-XLB	GC5
JSXY2DL	Field_Sample	Soil		06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:18:00	DB-35MS	GC5
JSXY2DL	Field_Sample	Soil		06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:18:00	DB-XLB	GC5
JSXY3	Field_Sample	Soil		06/12/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:49:00	DB-35MS	GC5
JSXY3	Field_Sample	Soil		06/12/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/17/2013 17:32:00	06/20/2013 12:49:00	DB-XLB	GC5
JSXY4	Field_Sample	Water		06/13/2013 13:00:00	06/14/2013 09:00:00	Liq_Liq	06/15/2013 10:06:00	06/18/2013 16:56:00	DB-35MS	GC5
JSXY4	Field_Sample	Water		06/13/2013 13:00:00	06/14/2013 09:00:00	Liq_Liq	06/15/2013 10:06:00	06/18/2013 16:56:00	DB-XLB	GC5

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXX7 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178121 **SOW** SOM01.2

Analytical Sample Listing

Aroclor

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXX7	Field_Sample	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 17:36:00	DB-35MS	GC11
JSXX7	Field_Sample	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 17:36:00	DB-XLB	GC11
JSXX7MS	Matrix_Spike	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 17:51:00	DB-35MS	GC11
JSXX7MS	Matrix_Spike	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 17:51:00	DB-XLB	GC11
JSXX7MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:06:00	DB-35MS	GC11
JSXX7MSD	Matrix_Spike_Duplicate	Soil		06/12/2013 15:20:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:06:00	DB-XLB	GC11
JSXX8	Field_Sample	Soil		06/12/2013 15:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:20:00	DB-35MS	GC11
JSXX8	Field_Sample	Soil		06/12/2013 15:50:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:20:00	DB-XLB	GC11
JSXX9	Field_Sample	Soil		06/12/2013 17:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:35:00	DB-35MS	GC11
JSXX9	Field_Sample	Soil		06/12/2013 17:35:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:35:00	DB-XLB	GC11
JSXY0	Field_Sample	Soil		06/12/2013 18:00:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:50:00	DB-35MS	GC11
JSXY0	Field_Sample	Soil		06/12/2013 18:00:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 18:50:00	DB-XLB	GC11
JSXY1	Field_Sample	Soil		06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 19:05:00	DB-35MS	GC11
JSXY1	Field_Sample	Soil		06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 19:05:00	DB-XLB	GC11
JSXY1RE	Field_Sample	Soil		06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/18/2013 16:43:00	DB-35MS	GC11
JSXY1RE	Field_Sample	Soil		06/12/2013 18:45:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/18/2013 16:43:00	DB-XLB	GC11
JSXY2	Field_Sample	Soil		06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 19:20:00	DB-35MS	GC11
JSXY2	Field_Sample	Soil		06/12/2013 19:14:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 19:20:00	DB-XLB	GC11
JSXY3	Field_Sample	Soil		06/12/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 19:35:00	DB-35MS	GC11
JSXY3	Field_Sample	Soil		06/12/2013 18:17:00	06/14/2013 09:00:00	Sonication	06/17/2013 12:00:00	06/17/2013 19:35:00	DB-XLB	GC11
JSXY4	Field_Sample	Water		06/13/2013 13:00:00	06/14/2013 09:00:00	Liq_Liq	06/14/2013 10:23:00	06/17/2013 15:02:00	DB-35MS	GC11
JSXY4	Field_Sample	Water		06/13/2013 13:00:00	06/14/2013 09:00:00	Liq_Liq	06/14/2013 10:23:00	06/17/2013 15:02:00	DB-XLB	GC11

ecology and environment, inc.
Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: July 10, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Organic Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 11 soil samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Organic analyses (EPA CLP SOW SOM01.2) were performed by Shealy Environmental Services, Inc, West Columbia, South Carolina. All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic and/or Manual Process (S4VEM).

The samples were numbered:

JSXY5	JSXY6	JSXY7	JSXY8	JSXY9
JSXZ0	JSXZ1	JSXZ2	JSXZ3	JSXZ4
JSXZ5				

No discrepancies were noted.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

Date: July 9, 2013

Reply to:
Attn of: OEA-095

MEMORANDUM

Subject: Data Validation Report for the Semivolatile Organic (SVOC/SIM), Pesticides and PCB analyses of soil samples collected from the West Salem Site
Case Number: 43548 SDG: JSXY5

From: Raymond Wu, QA Chemist 7/9/13
Office of Environmental Assessment (OEA - 095), USEPA Region 10

To: Joanne Labaw, Task Monitor
Office of Environmental Clean-up (ECL-112), USEPA Region 10

CC: Renee Nordeen, Analytical Coordinator
Ecology & Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of eleven soil samples collected from the above referenced site has been completed. These samples were analyzed for SVOC/SIM, Pesticides and PCBs in accordance with the USEPA Contract Laboratory Program (CLP) Statement of Work (SOW) for Multi-Media, Multi-Concentration Organic Analyses (SOM01.2) by Shealy Environmental Services, Inc. located in West Columbia, South Carolina.

All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic & Manual Process (S4VEM). The validations were conducted and appropriate qualifiers were applied according to the Quality Control Specifications outlined in the Quality Assurance Project Plan for West Salem in Salem, Oregon, dated May, 2013, the technical specifications of USEPA CLP SOW for Organic Data Review, the Contract Laboratory Program's National Functional Guidelines for Organic Data Review and the Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (EPA-540-R08-005). Some of the data quality elements were qualified based on the professional judgment of the reviewer.

A summary of samples evaluated in this validation report and the pertinent dates for sample collection, sample receipt at the laboratory, extraction and analyses is listed in Sample Index Table found at the end of this report.

The conclusions presented herein are based on the information provided for the review.

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I. QUALITY CONTROL RESULTS SUMMARY

Semivolatile Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 5X Blank†
Initial Calibration	N	RRF < 0.05‡ or ≤ 30% RSD
Continuing Calibration Verification	Y*	RRF < 0.05‡ or Open: ≤ 25% D, Close: ≤ 50% D
Deuterated Monitoring Compounds	N	Varies by Compound
Internal Standards	N	50 – 200% of 12-hour standard
SIM Organic Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 5X Blank†
Initial Calibration	N	RRF < 0.05‡ or ≤ 30% RSD
Continuing Calibration Verification	Y*	RRF < 0.05‡ or Open: ≤ 25% D, Close: ≤ 50% D
Deuterated Monitoring Compounds	N	Varies by Compound
Internal Standards	N	50 – 200% of 12-hour standard
Pesticide Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	Y*	Non-detect or < 5X Blank†
Initial Calibration	N	RSD ≤ 20% (Target Analytes) or ≤ 30% RSD for alpha & delta-BHC
Continuing Calibration Verification	N	-25% ≤ PEM ≤ 25%
	N	-25% ≤ INDC≤25%
Deuterated Monitoring Compounds	N	Varies by Compound
Identification %D from two columns	Y*	30%-60% JK for hits > CRQL, JQ for hits <CRQL; U for >60% raised to the CRQL
Resolution & percent breakdowns	N	Resolution checks > 60%; PEM, INDC resolution > 80%; %DDT/Endrin ≤ 20%; Combined DDT-Endrin ≤ 30%
Aroclor Analysis		
Quality Control Test	**Outliers?**	**Evaluation Criteria**
Blanks	N	Non-detect or < 10X Blank
Initial Calibration	N	≤ 20% RSD
Continuing Calibration Verification	N	Open: ≤ 15% D, Close: ≤ 50% D
Surrogate Spikes	N	30 – 150%
Laboratory Control Samples	N	50 – 150%
Target Compound Identification	Y*	≤ 30% D

*See the Manual/Electronic Data Review Results section below for outliers and qualification of affected data.
†10X Blank for ketones or solvents.

‡RRF < 0.01 for semivolatile target compounds exhibiting poor response (see Organic CLP NFGs Table 28).
(Note: RRF = Relative Response Factor, RSD = Relative Standard Deviation, D = Difference)

II. DATA QUALIFICATIONS

Summary of Validation Qualifiers Applied:

Please find them in the "Sample Summary Report Section" of this report.

Data Qualifiers

The following is a list of validation qualifiers applied to the sample result(s) when needed to indicate associated out-of-control QA/QC results.

Data Qualifiers		
	U	The analyte was not detected at or above the reported result.
	J	The analyte was positively identified. The associated numerical result is an estimate.
	UJ	The analyte was not detected at or above the reported estimated result. The associated numerical value is an estimate of the quantitation limit of the analyte in this sample.
	R	The data are unusable for all purposes.
	N	There is evidence the analyte is present in this sample.
	JN	There is evidence that the analyte is present. The associated numerical result is an estimate.

For site assessment and investigations, the following bias qualifiers are applied to the data in addition to the above data qualifiers when necessary to allow for data analysis and interpretation using Pre-Score software calculations for National Priority Listing Hazard Rankling Scoring (NPL-HRS).

Bias Qualifiers		
	L	Low bias.
	H	High bias.
	Q	The result is estimated because the concentration is below the Contract Required Quantitation Limits (CRQLs).
	K	Unknown Bias

Attachments:

Sample Summary Report
Analytical Sample Listing (Report #6)

Sample Summary Report

Case No:	43548	Contract:	EPW11035	SDG No:	JSXY5	Lab Code:	SHEALY
Sample Number:	ABLK00	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :	0.0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	33	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1260	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	33	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	33	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: ALCS00	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	32	ug/kg	1.0	J	J	Yes	S4VEM
Aroclor-1260	35	ug/kg	1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	33	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	33	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY5	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SS	pH: 7.2	Sample Date: 06/13/2013	Sample Time: 13:35:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	200	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	200	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY

Sample Number:	JSXY5	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH01SS	pH:	7.2	Sample Date:	06/13/2013	Sample Time:	13:35:00
% Moisture :	15.1			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.0	ug/kg	1.0	JPB	U	Yes	S4VEM
delta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	0.44	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDE	0.38	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.9	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.9	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	20	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.9	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	0.17	ug/kg	1.0	J	JQ	Yes	S4VEM
gamma-Chlordane	0.18	ug/kg	1.0	JP	JQ	Yes	S4VEM
Toxaphene	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY5	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SS	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 13:35:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	39	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	39	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY5	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SS	pH: 7.2	Sample Date: 06/13/2013	Sample Time: 13:35:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Phenanthrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.8	ug/kg	1.0	U	UJK	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY5RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SS	pH: 7.2	Sample Date: 06/13/2013	Sample Time: 13:35:00
% Moisture : 15.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0		R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Benzaldehyde	200	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0		R	No	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Nitrobenzene	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Isophorone	200	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
Atrazine	200	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY6	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SS	pH: 5.3	Sample Date: 06/13/2013	Sample Time: 14:10:00
% Moisture : 30.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	240	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	240	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	240	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	240	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	240	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	240	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	240	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	240	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	240	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	240	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Nitrobenzene	240	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	240	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	240	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	240	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	240	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	240	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	240	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	240	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	240	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	240	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	240	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	240	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	240	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	240	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	240	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	240	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	240	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	470	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	240	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	240	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	240	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	470	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	240	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	470	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	470	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	240	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4-Dinitrotoluene	240	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	240	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	240	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	240	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	470	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	470	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	240	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	240	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	240	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	240	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	240	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	470	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	240	ug/kg	1.0	U	R	No	S4VEM
Anthracene	240	ug/kg	1.0	U	R	No	S4VEM
Carbazole	240	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	240	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	240	ug/kg	1.0	U	R	No	S4VEM
Pyrene	240	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	240	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	240	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	240	ug/kg	1.0	U	R	No	S4VEM
Chrysene	240	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	240	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	240	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	240	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	240	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	240	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophen	240	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	240	ug/kg	1.0	U	U	Yes	S4VEM
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	140	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Octadecanoic acid	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Oxirane, heptadecyl-	310	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	230	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No:	43548	Contract:	EPW11035	SDG No:	JSXY5	Lab Code:	SHEALY
Sample Number:	JSXY6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH02SS	pH:	2.0	Sample Date:	06/13/2013	Sample Time:	14:10:00
% Moisture :	30.1			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	47	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	47	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	47	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	47	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	47	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	47	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Aroclor-1262	47	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	47	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY6	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SS	pH: 5.3	Sample Date: 06/13/2013	Sample Time: 14:10:00
% Moisture : 30.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	9.6	ug/kg	1.0	U	UJK	Yes	S4VEM
Phenanthrene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	1.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	1.9	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	4.7	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	0.99	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY6	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SS	pH: 5.3	Sample Date: 06/13/2013	Sample Time: 14:10:00
% Moisture : 30.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	2.4	ug/kg	1.0	JPB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.4	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.4	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	0.15	ug/kg	1.0	JP	JQ	Yes	S4VEM
Dieldrin	4.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.93	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	4.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	0.32	ug/kg	1.0	JP	JQ	Yes	S4VEM
4,4'-DDT	0.61	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	24	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	4.6	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.6	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.4	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.4	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	240	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY6RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SS	pH: 5.3	Sample Date: 06/13/2013	Sample Time: 14:10:00
% Moisture : 30.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	240	ug/kg	1.0	U	R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Phenol	240	ug/kg	1.0	U	R	No	S4VEM
bis(2-Chloroethyl)ether	240	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Chlorophenol	240	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Methylphenol	240	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	240	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	240	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0		R	No	S4VEM
4-Methylphenol	240	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	240	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	240	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene	240	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	240	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2-Nitrophenol	240	ug/kg	1.0	U	R	No	S4VEM
2,4-Dimethylphenol	240	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	240	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	240	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	240	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	240	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	240	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	240	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	240	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	240	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	240	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	240	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	240	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	240	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	470	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	240	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	240	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	240	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	470	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	240	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	470	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	470	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	240	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	240	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	240	ug/kg	1.0	U	R	No	S4VEM
Fluorene	240	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	240	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	470	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	470	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	240	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	240	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	240	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	240	ug/kg	1.0	U	R	No	S4VEM
Atrazine	240	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	470	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	240	ug/kg	1.0	U	R	No	S4VEM
Anthracene	240	ug/kg	1.0	U	R	No	S4VEM
Carbazole	240	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	240	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	240	ug/kg	1.0	U	R	No	S4VEM
Pyrene	240	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	240	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	240	ug/kg	1.0	U	R	No	S4VEM
Chrysene	240	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	240	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	240	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	240	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	240	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	240	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	240	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Eicosane	170	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	120	ug/kg	1.0	NJ	R	No	S4VEM
17-Pentatriacontene	1800	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	230	ug/kg	1.0	NJ	R	No	S4VEM
Eicosane, 7-hexyl-	110	ug/kg	1.0	NJ	R	No	S4VEM
Squalene	120	ug/kg	1.0	NJ	R	No	S4VEM
Oxirane, hexadecyl-	300	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY7	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SS	pH: 6.5	Sample Date: 06/13/2013	Sample Time: 14:45:00
% Moisture : 16.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.9	ug/kg	1.0	U	UJK	Yes	S4VEM
Phenanthrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.9	ug/kg	1.0	U	UJK	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY7	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SS	pH: 6.5	Sample Date: 06/13/2013	Sample Time: 14:45:00
% Moisture : 16.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	200	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	390	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	200	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	390	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Octadecanoic acid	140	ug/kg	1.0	NJ	NJ	Yes	S4VEM
2-Methoxybenzoic acid, benzyl ester	300	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Stigmast-4-en-3-one	550	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	240	ug/kg	1.0	NJ	NJ	Yes	S4VEM
.beta.-Sitosterol	110	ug/kg	1.0	NJ	NJ	Yes	S4VEM
5-Hydroxy-4',7-dimethoxyflavanone	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Octadecane, 1-iodo-	630	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY7	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SS	pH: 6.5	Sample Date: 06/13/2013	Sample Time: 14:45:00
% Moisture : 16.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.0	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	0.086	ug/kg	1.0	JP	JQ	Yes	S4VEM
Dieldrin	3.9	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	0.59	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.9	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	22	ug/kg	1.0			Yes	S4VEM
4,4'-DDT	0.27	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	20	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.9	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY7	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SS	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 14:45:00
% Moisture : 16.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	39	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	39	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY7RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SS	pH: 6.5	Sample Date: 06/13/2013	Sample Time: 14:45:00
% Moisture : 16.9		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	200	ug/kg	1.0	U	R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Acetophenone	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	200	ug/kg	1.0	U	R	No	S4VEM
Isophorone	200	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	390	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	390	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	390	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
Atrazine	200	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	390	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Octadecane, 1-iodo-	610	ug/kg	1.0	NJ	R	No	S4VEM
.beta.-Sitosterol	310	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	140	ug/kg	1.0	NJ	R	No	S4VEM
Stigmast-4-en-3-one	560	ug/kg	1.0	NJ	R	No	S4VEM
2-Methoxybenzoic acid, benzyl ester	300	ug/kg	1.0	NJ	R	No	S4VEM
5-Hydroxy-4',7-dimethoxyflavanone	130	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	250	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY8	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH04SS	pH: 5.8	Sample Date: 06/13/2013	Sample Time: 15:50:00
% Moisture : 27.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.3	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	2.3	ug/kg	1.0	JB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.3	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.3	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	4.9	ug/kg	1.0			Yes	S4VEM
Endrin	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	0.14	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDD	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	2.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	23	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.4	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	2.3	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	230	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY8	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH04SS	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 15:50:00
% Moisture : 27.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	45	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	45	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	45	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	45	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	45	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	45	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	45	ug/kg	1.0	JP	U	Yes	S4VEM
Aroclor-1262	45	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	45	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY

Sample Number:	JSXY8	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH04SS	pH:	5.8	Sample Date:	06/13/2013	Sample Time:	15:50:00
% Moisture :	27.1			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	9.0	ug/kg	1.0	U	UJK	Yes	S4VEM
Phenanthrene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	2.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	4.4	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	1.0	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY8	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH04SS	pH: 5.8	Sample Date: 06/13/2013	Sample Time: 15:50:00
% Moisture : 27.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	230	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
2-Chlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	230	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	230	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	230	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	230	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	230	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	230	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	440	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	230	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	440	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	440	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	440	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	440	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	440	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	230	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	440	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	230	ug/kg	1.0	U	R	No	S4VEM
Anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Carbazole	230	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Chrysene	230	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	230	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1-Tetracosanol	1100	ug/kg	1.0	NJ	NJ	Yes	S4VEM
.beta.-Humulene	360	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Stigmast-4-en-3-one	890	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Octadecanoic acid	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	320	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY8RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH04SS	pH: 5.8	Sample Date: 06/13/2013	Sample Time: 15:50:00
% Moisture : 27.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde			1.0	U	R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5	230	ug/kg	1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8	230	ug/kg	1.0		R	No	S4VEM
Phenol			1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
2-Chlorophenol			1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
4-Methylphenol-d8	230	ug/kg	1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8	230	ug/kg	1.0		R	No	S4VEM
2-Methylphenol			1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)			1.0	U	R	No	S4VEM
2-Nitrophenol-d4	230	ug/kg	1.0		R	No	S4VEM
2,4-Dichlorophenol-d3	230	ug/kg	1.0		R	No	S4VEM
Acetophenone			1.0	U	R	No	S4VEM
4-Methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
N-Nitroso-di-n-propylamine			1.0	U	R	No	S4VEM
Dimethylphthalate-d6	230	ug/kg	1.0		R	No	S4VEM
Hexachloroethane	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	230	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10	230	ug/kg	1.0		R	No	S4VEM
Isophorone			1.0	U	R	No	S4VEM
2-Nitrophenol			1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2	230	ug/kg	1.0		R	No	S4VEM
Anthracene-d10	230	ug/kg	1.0		R	No	S4VEM
2,4-Dimethylphenol			1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	230	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	230	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	230	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	440	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	230	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	440	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	440	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	440	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	230	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Fluorene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	230	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	440	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	440	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	230	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	230	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	230	ug/kg	1.0	U	R	No	S4VEM
Atrazine	230	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	440	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	230	ug/kg	1.0	U	R	No	S4VEM
Anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Carbazole	230	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Chrysene	230	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	230	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	230	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	230	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	230	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	760	ug/kg	1.0	NJ	R	No	S4VEM
.beta.-Sitosterol	240	ug/kg	1.0	NJ	R	No	S4VEM
Acetic acid, chloro-, hexadecyl ester	820	ug/kg	1.0	NJ	R	No	S4VEM
Stigmast-4-en-3-one	1200	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY9	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH05SS	pH: 6.4	Sample Date: 06/13/2013	Sample Time: 16:20:00
% Moisture : 19.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	8.1	ug/kg	1.0	U	UJK	Yes	S4VEM
Phenanthrene	2.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	6.3	ug/kg	1.0			Yes	S4VEM
Pyrene	7.2	ug/kg	1.0			Yes	S4VEM
Benzo(a)anthracene	3.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	3.7	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	3.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)pyrene	2.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Dibenzo(a,h)anthracene	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY9	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH05SS	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 16:20:00
% Moisture : 19.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	40	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1221	40	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	40	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	40	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY9	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH05SS	pH: 6.4	Sample Date: 06/13/2013	Sample Time: 16:20:00
% Moisture : 19.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	210	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
2-Chlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	210	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	210	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	210	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	210	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	210	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	400	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	210	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	400	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	400	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	400	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	210	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	400	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	400	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	210	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	210	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	210	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	210	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	400	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Carbazole	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Chrysene	210	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	210	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	210	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	210	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Docosanoic acid	91	ug/kg	1.0	NJ	NJ	Yes	S4VEM
2-Methoxybenzoic acid, benzyl ester	740	ug/kg	1.0	NJ	NJ	Yes	S4VEM
[4,4'-Bipyrimidine]-6,6'-diamine, 2,2'-d	140	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Octadecanoic acid	94	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Squalene	180	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Stigmast-4-en-3-one	440	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Hexadecane, 2,6,10,14-tetramethyl-	1800	ug/kg	1.0	NJ	NJ.	Yes	S4VEM
Octadecane, 1-iodo-	980	ug/kg	1.0	NJ	NJ	Yes	S4VEM
2,4a,8,8-Tetramethyldeca hydrocyclopropa [	240	ug/kg	1.0	NJ	NJ	Yes	S4VEM
.beta.-Sitosterol	190	ug/kg	1.0	NJ	NJ	Yes	S4VEM
5-Hydroxy-4',7-dimethoxyflavan one	100	ug/kg	1.0	NJ	NJ	Yes	S4VEM
1-Octadecanol	280	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	260	ug/kg	1.0	NJ	NJ	Yes	S4VEM
1,2,4-Trimethoxydiben zofuran-3-ol	150	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY9	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH05SS	pH: 6.4	Sample Date: 06/13/2013	Sample Time: 16:20:00
% Moisture : 19.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	2.1	ug/kg	1.0	JPB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	0.15	ug/kg	1.0	J	JQ	Yes	S4VEM
Dieldrin	4.0	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	2.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	4.0	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan sulfate	130	ug/kg	1.0	E	R	No	S4VEM
4,4'-DDT	0.87	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	21	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.1	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	210	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY9DL	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH05SS	pH: 6.4	Sample Date: 06/13/2013	Sample Time: 16:20:00
% Moisture : 19.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	10	ug/kg	5.0	U	R	No	S4VEM
Tetrachloro-m-xylene			5.0	DP	R	No	S4VEM
Decachlorobiphenyl			5.0	D	R	No	S4VEM
beta-BHC	10	ug/kg	5.0	U	R	No	S4VEM
delta-BHC	0.86	ug/kg	5.0	J DP	R	No	S4VEM
gamma-BHC (Lindane)	10	ug/kg	5.0	U	R	No	S4VEM
Heptachlor	10	ug/kg	5.0	U	R	No	S4VEM
Aldrin	10	ug/kg	5.0	U	R	No	S4VEM
Heptachlor epoxide	2.2	ug/kg	5.0	J DP	R	No	S4VEM
Endosulfan I	10	ug/kg	5.0	U	R	No	S4VEM
Dieldrin	20	ug/kg	5.0	U	R	No	S4VEM
4,4'-DDE	2.0	ug/kg	5.0	J DP	R	No	S4VEM
Endrin	20	ug/kg	5.0	U	R	No	S4VEM
Endosulfan II	20	ug/kg	5.0	U	R	No	S4VEM
4,4'-DDD	0.46	ug/kg	5.0	J DP	R	No	S4VEM
Endosulfan sulfate	110	ug/kg	5.0	D		Yes	S4VEM
4,4'-DDT	20	ug/kg	5.0	U	R	No	S4VEM
Methoxychlor	2.2	ug/kg	5.0	J DP	R	No	S4VEM
Endrin ketone	20	ug/kg	5.0	U	R	No	S4VEM
Endrin aldehyde	20	ug/kg	5.0	U	R	No	S4VEM
alpha-Chlordane	10	ug/kg	5.0	U	R	No	S4VEM
gamma-Chlordane	10	ug/kg	5.0	U	R	No	S4VEM
Toxaphene	1000	ug/kg	5.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXY9RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH05SS	pH: 6.4	Sample Date: 06/13/2013	Sample Time: 16:20:00
% Moisture : 19.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	210	ug/kg	1.0	U	R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Phenol	210	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	210	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Chlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Methylphenol	210	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	210	ug/kg	1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	210	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	210	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	210	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene	210	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Isophorone	210	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
2-Nitrophenol	210	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	210	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethoxy)methane	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	210	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	210	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	210	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	210	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	210	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	210	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	210	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	400	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	210	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	210	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	400	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	400	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	400	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	210	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	210	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
Fluorene	210	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	210	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	400	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	400	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	210	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	210	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	210	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	210	ug/kg	1.0	U	R	No	S4VEM
Atrazine	210	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	400	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	210	ug/kg	1.0	U	R	No	S4VEM
Anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Carbazole	210	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Chrysene	210	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	210	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	210	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	210	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	210	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	210	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Octadecanoic acid	85	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	240	ug/kg	1.0	NJ	R	No	S4VEM
Stigmast-4-en-3-one	360	ug/kg	1.0	NJ	R	No	S4VEM
Stigmasterol, 22,23-dihydro-	1100	ug/kg	1.0	NJ	R	No	S4VEM
5-Hydroxy-4',7-dimethoxyflavanone	99	ug/kg	1.0	NJ	R	No	S4VEM
1,2,4-Trimethoxydibenzofuran-3-ol	150	ug/kg	1.0	NJ	R	No	S4VEM
9,12-Octadecadienoic acid (Z,Z)-	140	ug/kg	1.0	NJ	R	No	S4VEM
Squalene	220	ug/kg	1.0	NJ	R	No	S4VEM
2-Methoxybenzoic acid, benzyl ester	720	ug/kg	1.0	NJ	R	No	S4VEM
Octadecane, 1-iodo-	980	ug/kg	1.0	NJ	R	No	S4VEM
Docosanoic acid	85	ug/kg	1.0	NJ	R	No	S4VEM
[4,4'-Bipyrimidine]-6,6'-diamine, 2,2'-d	110	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ0	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SD	pH: 6.8	Sample Date: 06/13/2013	Sample Time: 17:30:00
% Moisture : 36.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	260	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	260	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	260	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
4-Methylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	260	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	260	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	260	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	260	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	260	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	260	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	260	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	260	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	260	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	510	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	260	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	260	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	510	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	510	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	510	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	260	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	260	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	510	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	510	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	260	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	260	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	260	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	260	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	260	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	510	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	320	ug/kg	1.0			Yes	S4VEM
Anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Carbazole	260	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	850	ug/kg	1.0			Yes	S4VEM
Pyrene	560	ug/kg	1.0			Yes	S4VEM
Butylbenzylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	260	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	280	ug/kg	1.0			Yes	S4VEM
Chrysene	330	ug/kg	1.0			Yes	S4VEM
bis(2-Ethylhexyl)phthalate	160	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	260	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	430	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	150	ug/kg	1.0	J	R	No	S4VEM
Benzo(a)pyrene	280	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	180	ug/kg	1.0	J	R	No	S4VEM
Dibenzo(a,h)anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	J	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	260	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	360	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Benzoic acid, 2-hydroxy-, phenylmethyl e	100	ug/kg	1.0	NJ	NJ	Yes	S4VEM
2-Methoxybenzoic acid, benzyl ester	200	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Dodecane, 2-methyl-	330	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Triacontane	220	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Benzo[e]pyrene	190	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Octadecanoic acid	170	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ0	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SD	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 17:30:00
% Moisture : 36.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	51	ug/kg	1.0	U	R	No	S4VEM
Tetrachloro-m-xylene			1.0		R	No	S4VEM
Decachlorobiphenyl			1.0		R	No	S4VEM
Aroclor-1221	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1232	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1242	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1248	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1254	4.5	ug/kg	1.0	JS	R	No	S4VEM
Aroclor-1260	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1262	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1268	51	ug/kg	1.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ0	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SD	pH: 6.8	Sample Date: 06/13/2013	Sample Time: 17:30:00
% Moisture : 36.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.6	ug/kg	1.0	JPB	U	Yes	S4VEM
delta-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	5.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	0.35	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan II	5.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.42	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	25	ug/kg	1.0			Yes	S4VEM
4,4'-DDT	0.68	ug/kg	1.0	JP	JQ	Yes	S4VEM
Methoxychlor	10	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin ketone	5.0	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin aldehyde	5.0	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
gamma-Chlordane	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	260	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ0	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SD	pH: 6.8	Sample Date: 06/13/2013	Sample Time: 17:30:00
% Moisture : 36.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	1.7	ug/kg	1.0	J	JQ	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	5.1	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acenaphthene	7.7	ug/kg	1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	15	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Phenanthrene	350	ug/kg	1.0	E	R	No	S4VEM
Anthracene	62	ug/kg	1.0	E	R	No	S4VEM
Fluoranthene	970	ug/kg	1.0	E	R	No	S4VEM
Pyrene	760	ug/kg	1.0	E	R	No	S4VEM
Benzo(a)anthracene	380	ug/kg	1.0	E	R	No	S4VEM
Chrysene	400	ug/kg	1.0	E	R	No	S4VEM
Benzo(b)fluoranthene	450	ug/kg	1.0	E	R	No	S4VEM
Benzo(k)fluoranthene	150	ug/kg	1.0	E	R	No	S4VEM
Benzo(a)pyrene	340	ug/kg	1.0	E	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	1.0	E	R	No	S4VEM
Dibenzo(a,h)anthracene	49	ug/kg	1.0			Yes	S4VEM
Benzo(g,h,i)perylene	160	ug/kg	1.0	E	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY

Sample Number:	JSXZ0DL	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH02SD	pH:	6.8	Sample Date:	06/13/2013	Sample Time:	17:30:00
% Moisture :	36.1			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	100	ug/kg	20.0	U	R	No	S4VEM
Naphthalene-d8			20.0	D		No	S4VEM
Fluoranthene-d10			20.0	J D		No	S4VEM
2-Methylnaphthalene	100	ug/kg	20.0	U	R	No	S4VEM
Phenanthrene-d10			20.0	D		No	S4VEM
2-Methylnaphthalene-d10			20.0	J D		No	S4VEM
Acenaphthylene	100	ug/kg	20.0	U	R	No	S4VEM
Acenaphthene-d10			20.0	D		No	S4VEM
Perylene-d12			20.0	D		No	S4VEM
Acenaphthene	100	ug/kg	20.0	U	R	No	S4VEM
Fluorene	100	ug/kg	20.0	U	R	No	S4VEM
Chrysene-d12			20.0	D		No	S4VEM
Pentachlorophenol	210	ug/kg	20.0	U	R	No	S4VEM
Phenanthrene	450	ug/kg	20.0	D	R	No	S4VEM
Anthracene	110	ug/kg	20.0	D		Yes	S4VEM
Fluoranthene	1000	ug/kg	20.0	E D	R	No	S4VEM
Pyrene	750	ug/kg	20.0	D	R	No	S4VEM
Benzo(a)anthracene	390	ug/kg	20.0	D	R	No	S4VEM
Chrysene	420	ug/kg	20.0	D	R	No	S4VEM
Benzo(b)fluoranthene	470	ug/kg	20.0	D	R	No	S4VEM
Benzo(k)fluoranthene	170	ug/kg	20.0	D		Yes	S4VEM
Benzo(a)pyrene	350	ug/kg	20.0	D	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	20.0	D		Yes	S4VEM
Dibenzo(a,h)anthracene	49	ug/kg	20.0	J D	R	No	S4VEM
Benzo(g,h,i)perylene	150	ug/kg	20.0	D		Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ0DL2	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SD	pH: 6.8	Sample Date: 06/13/2013	Sample Time: 17:30:00
% Moisture : 36.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			50.0	J D	R	No	S4VEM
Naphthalene-d8			50.0	D	R	No	S4VEM
Naphthalene	250	ug/kg	50.0	U	R	No	S4VEM
2-Methylnaphthalene	250	ug/kg	50.0	U	R	No	S4VEM
2-Methylnaphthalene-d10			50.0	U	R	No	S4VEM
Phenanthrene-d10			50.0	D	R	No	S4VEM
Acenaphthene-d10			50.0	D	R	No	S4VEM
Acenaphthylene	250	ug/kg	50.0	U	R	No	S4VEM
Perylene-d12			50.0	D	R	No	S4VEM
Acenaphthene	250	ug/kg	50.0	U	R	No	S4VEM
Chrysene-d12			50.0	D	R	No	S4VEM
Fluorene	250	ug/kg	50.0	U	R	No	S4VEM
Pentachlorophenol	520	ug/kg	50.0	U	R	No	S4VEM
Phenanthrene	520	ug/kg	50.0	D	R	No	S4VEM
Anthracene	110	ug/kg	50.0	J D	R	No	S4VEM
Fluoranthene	1200	ug/kg	50.0	D	R	No	S4VEM
Pyrene	860	ug/kg	50.0	D	R	No	S4VEM
Benzo(a)anthracene	430	ug/kg	50.0	D	R	No	S4VEM
Chrysene	490	ug/kg	50.0	D	R	No	S4VEM
Benzo(b)fluoranthene	500	ug/kg	50.0	D	R	No	S4VEM
Benzo(k)fluoranthene	210	ug/kg	50.0	J D	R	No	S4VEM
Benzo(a)pyrene	400	ug/kg	50.0	D	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	290	ug/kg	50.0	D	R	No	S4VEM
Dibenzo(a,h)anthracene	72	ug/kg	50.0	J D	R	No	S4VEM
Benzo(g,h,i)perylene	310	ug/kg	50.0	D	R	No	S4VEM

Case No:	43548	Contract:	EPW11035	SDG No:	JSXY5	Lab Code:	SHEALY
Sample Number:	JSXZ0RE	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH02SD	pH:	2.0	Sample Date:	06/13/2013	Sample Time:	17:30:00
% Moisture :	36.1			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	51	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	5.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Aroclor-1260	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	51	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ0RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SD	pH: 6.8	Sample Date: 06/13/2013	Sample Time: 17:30:00
% Moisture : 36.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	260	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	260	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	260	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Chlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
2-Methylphenol	260	ug/kg	1.0	U	R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	260	ug/kg	1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
4-Methylphenol	260	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	260	ug/kg	1.0	U	R	No	S4VEM
Hexachloroethane	260	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	260	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	260	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol	260	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	260	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	260	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	260	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	260	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	260	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	260	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	260	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	260	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	510	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	260	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	260	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	510	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	510	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	510	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	260	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	260	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
Fluorene	260	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	260	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	510	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	510	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	260	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	260	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	260	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	260	ug/kg	1.0	U	R	No	S4VEM
Atrazine	260	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	510	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	320	ug/kg	1.0		R	No	S4VEM
Anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Carbazole	260	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	860	ug/kg	1.0		R	No	S4VEM
Pyrene	570	ug/kg	1.0		R	No	S4VEM
Butylbenzylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	270	ug/kg	1.0		R	No	S4VEM
Chrysene	340	ug/kg	1.0		R	No	S4VEM
bis(2-Ethylhexyl)phthalate	160	ug/kg	1.0	J	R	No	S4VEM
Di-n-octylphthalate	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	450	ug/kg	1.0		R	No	S4VEM
Benzo(k)fluoranthene	170	ug/kg	1.0	J	R	No	S4VEM
Benzo(a)pyrene	280	ug/kg	1.0		R	No	S4VEM
Indeno(1,2,3-cd)pyrene	150	ug/kg	1.0	J	R	No	S4VEM
Dibenzo(a,h)anthracene	260	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	180	ug/kg	1.0	J	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	260	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Methoxybenzoic acid, benzyl ester	310	ug/kg	1.0	NJ	R	No	S4VEM
Heptadecane	340	ug/kg	1.0	NJ	R	No	S4VEM
Benzo[e]pyrene	170	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	230	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	480	ug/kg	1.0	NJ	R	No	S4VEM
Benzoic acid, 2-hydroxy-, phenylmethyl e	140	ug/kg	1.0	NJ	R	No	S4VEM
.beta.-iso-Methyl ionone	150	ug/kg	1.0	NJ	R	No	S4VEM
Hexadecenoic acid, Z-11-	250	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ1	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture : 29.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	46	ug/kg	1.0	U	R	No	S4VEM
Tetrachloro-m-xylene			1.0		R	No	S4VEM
Aroclor-1221	46	ug/kg	1.0	U	R	No	S4VEM
Decachlorobiphenyl			1.0		R	No	S4VEM
Aroclor-1232	46	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1242	46	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1248	46	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1254	5.8	ug/kg	1.0	JS	R	No	S4VEM
Aroclor-1260	46	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1262	46	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1268	46	ug/kg	1.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ1	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH: 6.6	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture : 29.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.3	ug/kg	1.0	JPB	U	Yes	S4VEM
delta-BHC	2.3	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	0.45	ug/kg	1.0	J	JQ	Yes	S4VEM
Heptachlor	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.3	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.3	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	2.3	ug/kg	1.0	JP	U	Yes	S4VEM
Dieldrin	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	0.33	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan II	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.64	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
Methoxychlor	10	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endrin ketone	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin aldehyde	4.6	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	0.79	ug/kg	1.0	J	JQ	Yes	S4VEM
gamma-Chlordane	2.3	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	230	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ1	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH: 6.6	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture : 29.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	1.9	ug/kg	1.0	J	JQ	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	4.5	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	3.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	25	ug/kg	1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	55	ug/kg	1.0	E	JK	Yes	S4VEM
Pentachlorophenol	1.8	ug/kg	1.0	J	JQ	Yes	S4VEM
Phenanthrene	1000	ug/kg	1.0	E	R	No	S4VEM
Anthracene	180	ug/kg	1.0	E	R	No	S4VEM
Fluoranthene	2500	ug/kg	1.0	E	R	No	S4VEM
Pyrene	1800	ug/kg	1.0	E	R	No	S4VEM
Benzo(a)anthracene	840	ug/kg	1.0	E	R	No	S4VEM
Chrysene	870	ug/kg	1.0	E	R	No	S4VEM
Benzo(b)fluoranthene	650	ug/kg	1.0	E	R	No	S4VEM
Benzo(k)fluoranthene	250	ug/kg	1.0	E	R	No	S4VEM
Benzo(a)pyrene	530	ug/kg	1.0	E	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	230	ug/kg	1.0	E	R	No	S4VEM
Dibenzo(a,h)anthracene	65	ug/kg	1.0	E	JK	Yes	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	E	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ1	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH: 6.6	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture : 29.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	230	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	230	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
4-Methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	230	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	230	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	230	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	230	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	230	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	450	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	230	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	450	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	450	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	450	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	230	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	450	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	450	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	230	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	230	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	230	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	230	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	450	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	1000	ug/kg	1.0			Yes	S4VEM
Anthracene	150	ug/kg	1.0	J	R	No	S4VEM
Carbazole	100	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-butylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2300	ug/kg	1.0			Yes	S4VEM
Pyrene	1400	ug/kg	1.0			Yes	S4VEM
Butylbenzylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	640	ug/kg	1.0			Yes	S4VEM
Chrysene	780	ug/kg	1.0			Yes	S4VEM
bis(2-Ethylhexyl)phthalate	230	ug/kg	1.0			Yes	S4VEM
Di-n-octylphthalate	230	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	1100	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	410	ug/kg	1.0			Yes	S4VEM
Benzo(a)pyrene	680	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	280	ug/kg	1.0			Yes	S4VEM
Dibenzo(a,h)anthracene	74	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(g,h,i)perylene	260	ug/kg	1.0		R	No	S4VEM
2,3,4,6-Tetrachlorophenol	230	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4H-Cyclopenta[def]phenanthrene	180	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Hexadecenoic acid, Z-11-	350	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Benzo[e]pyrene			1.0	NJ		Yes	S4VEM
n-Hexadecanoic acid	300	ug/kg	1.0	NJ	NJ	Yes	S4VEM
9,10-Anthracenedione	170	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Benzo[e]pyrene	200	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ1DL	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH: 6.6	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture : 29.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	230	ug/kg	50.0	U	R	No	S4VEM
Fluoranthene-d10			50.0	J D		No	S4VEM
Naphthalene-d8			50.0	D		No	S4VEM
2-Methylnaphthalene-d10			50.0	U		No	S4VEM
2-Methylnaphthalene	230	ug/kg	50.0	U	R	No	S4VEM
Phenanthrene-d10			50.0	D		No	S4VEM
Acenaphthylene	230	ug/kg	50.0	U	R	No	S4VEM
Acenaphthene-d10			50.0	D		No	S4VEM
Acenaphthene	230	ug/kg	50.0	U	R	No	S4VEM
Perylene-d12			50.0	D		No	S4VEM
Fluorene	69	ug/kg	50.0	J D	R	No	S4VEM
Chrysene-d12			50.0	D		No	S4VEM
Pentachlorophenol	460	ug/kg	50.0	U	R	No	S4VEM
Phenanthrene	930	ug/kg	50.0	D	R	No	S4VEM
Anthracene	280	ug/kg	50.0	D		Yes	S4VEM
Fluoranthene	2100	ug/kg	50.0	D	R	No	S4VEM
Pyrene	1400	ug/kg	50.0	D	R	No	S4VEM
Benzo(a)anthracene	700	ug/kg	50.0	D	R	No	S4VEM
Chrysene	800	ug/kg	50.0	D	R	No	S4VEM
Benzo(b)fluoranthene	850	ug/kg	50.0	D	R	No	S4VEM
Benzo(k)fluoranthene	360	ug/kg	50.0	D	R	No	S4VEM
Benzo(a)pyrene	670	ug/kg	50.0	D	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	290	ug/kg	50.0	D	R	No	S4VEM
Dibenzo(a,h)anthracene	87	ug/kg	50.0	J D	R	No	S4VEM
Benzo(g,h,i)perylene	250	ug/kg	50.0	D		Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ1RE	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture : 29.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	46	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	6.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Aroclor-1260	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	46	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	46	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ1RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH: 6.6	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture : 29.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	230	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	230	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
2-Chlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
2-Methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	230	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
Acetophenone	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
4-Methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
N-Nitroso-di-n-propylamine	230	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Hexachloroethane	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	230	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	230	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2-Nitrophenol	230	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	230	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethoxy)methane	230	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
2,4-Dichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	230	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	230	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	230	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	230	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	230	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	230	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	230	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	450	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	230	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	230	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	450	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	450	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	450	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	230	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	230	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Fluorene	230	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	230	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	450	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	450	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	230	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	230	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	230	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	230	ug/kg	1.0	U	R	No	S4VEM
Atrazine	230	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	450	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	990	ug/kg	1.0		R	No	S4VEM
Anthracene	150	ug/kg	1.0	J	R	No	S4VEM
Carbazole	100	ug/kg	1.0	J	R	No	S4VEM
Di-n-butylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	2300	ug/kg	1.0		R	No	S4VEM
Pyrene	1400	ug/kg	1.0		R	No	S4VEM
Butylbenzylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	640	ug/kg	1.0		R	No	S4VEM
Chrysene	760	ug/kg	1.0		R	No	S4VEM
bis(2-Ethylhexyl)phthalate	240	ug/kg	1.0		R	No	S4VEM
Di-n-octylphthalate	230	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	1200	ug/kg	1.0		R	No	S4VEM
Benzo(k)fluoranthene	420	ug/kg	1.0		R	No	S4VEM
Benzo(a)pyrene	690	ug/kg	1.0		R	No	S4VEM
Indeno(1,2,3-cd)pyrene	260	ug/kg	1.0		R	No	S4VEM
Dibenzo(a,h)anthracene	69	ug/kg	1.0	J	R	No	S4VEM
Benzo(g,h,i)perylene	260	ug/kg	1.0		R	No	S4VEM
2,3,4,6-Tetrachlorophenol	230	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzo[e]pyrene	420	ug/kg	1.0	NJ	R	No	S4VEM
9,10-Anthracenedione	180	ug/kg	1.0	NJ	R	No	S4VEM
Hexadecenoic acid, Z-11-	140	ug/kg	1.0	NJ	R	No	S4VEM
Heptadecane	130	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	290	ug/kg	1.0	NJ	R	No	S4VEM
4H-Cyclopenta[def]phenanthrene	190	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	51	ug/kg	1.0	U	R	No	S4VEM
Tetrachloro-m-xylene			1.0		R	No	S4VEM
Aroclor-1221	51	ug/kg	1.0	U	R	No	S4VEM
Decachlorobiphenyl			1.0		R	No	S4VEM
Aroclor-1232	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1242	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1248	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1254	5.9	ug/kg	1.0	JS	R	No	S4VEM
Aroclor-1260	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1262	51	ug/kg	1.0	U	R	No	S4VEM
Aroclor-1268	51	ug/kg	1.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0		R	No	S4VEM
Naphthalene	5.6	ug/kg	1.0			Yes	S4VEM
Fluoranthene-d10			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Methylnaphthalene	4.6	ug/kg	1.0	J	JQ	Yes	S4VEM
2-Methylnaphthalene-d10			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
Acenaphthylene	9.1	ug/kg	1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
Acenaphthene	97	ug/kg	1.0	E	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Fluorene	170	ug/kg	1.0	E	R	No	S4VEM
Pentachlorophenol	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Phenanthrene	3400	ug/kg	1.0	E	R	No	S4VEM
Anthracene	590	ug/kg	1.0	E	R	No	S4VEM
Fluoranthene	9000	ug/kg	1.0	E	R	No	S4VEM
Pyrene	5200	ug/kg	1.0	E	R	No	S4VEM
Benzo(a)anthracene	2400	ug/kg	1.0	E	R	No	S4VEM
Chrysene	2300	ug/kg	1.0	E	R	No	S4VEM
Benzo(b)fluoranthene	2300	ug/kg	1.0	E	R	No	S4VEM
Benzo(k)fluoranthene	800	ug/kg	1.0	E	R	No	S4VEM
Benzo(a)pyrene	1600	ug/kg	1.0	E	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	620	ug/kg	1.0	E	R	No	S4VEM
Dibenzo(a,h)anthracene	180	ug/kg	1.0	E	R	No	S4VEM
Benzo(g,h,i)perylene	520	ug/kg	1.0	E	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
beta-BHC	2.6	ug/kg	1.0	JPB	U	Yes	S4VEM
Decachlorobiphenyl			1.0	P		Yes	S4VEM
delta-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	4.1	ug/kg	1.0	P		Yes	S4VEM
Heptachlor	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Heptachlor epoxide	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan I	0.73	ug/kg	1.0	JP	JQ	Yes	S4VEM
Dieldrin	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	1.9	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan sulfate	70	ug/kg	1.0			Yes	S4VEM
4,4'-DDT	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
Methoxychlor	47	ug/kg	1.0			Yes	S4VEM
Endrin ketone	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin aldehyde	5.1	ug/kg	1.0	JP	U	Yes	S4VEM
alpha-Chlordane	2.6	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.6	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	260	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	270	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Acetophenone	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachloroethane	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	270	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	270	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	270	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	270	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	270	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	270	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	110	ug/kg	1.0	J	R	No	S4VEM
2,4-Dinitrophenol	520	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	520	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	270	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	170	ug/kg	1.0	J	R	No	S4VEM
4-Chlorophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	520	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	270	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	270	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	520	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	3700	ug/kg	1.0			Yes	S4VEM
Anthracene	570	ug/kg	1.0			Yes	S4VEM
Carbazole	410	ug/kg	1.0			Yes	S4VEM
Di-n-butylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	8500	ug/kg	1.0	E	R	No	S4VEM
Pyrene	4800	ug/kg	1.0	E	R	No	S4VEM
Butylbenzylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	2100	ug/kg	1.0			Yes	S4VEM
Chrysene	2400	ug/kg	1.0			Yes	S4VEM
bis(2-Ethylhexyl)phthalate	150	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3500	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	1200	ug/kg	1.0			Yes	S4VEM
Benzo(a)pyrene	2200	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	910	ug/kg	1.0			Yes	S4VEM
Dibenzo(a,h)anthracene	250	ug/kg	1.0	J	R	No	S4VEM
Benzo(g,h,i)perylene	910	ug/kg	1.0		JK	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Methoxybenzoic acid, benzyl ester	550	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Benzo[e]pyrene			1.0	NJ		Yes	S4VEM
1,2:7,8-Dibenzophenanthrene	260	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	490	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Pyrene, 1-methyl-	110	ug/kg	1.0	NJ	NJ	Yes	S4VEM
11H-Benzo[a]fluoren-	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM
4b,8-Dimethyl-2-isopropylphenanthrene, 4	410	ug/kg	1.0	NJ	NJ	Yes	S4VEM
9,10-Anthracenedione	520	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Benzo[e]pyrene	370	ug/kg	1.0	NJ	NJ	Yes	S4VEM
4H-Cyclopenta[def]phenanthrene	710	ug/kg	1.0	NJ	NJ	Yes	S4VEM
11H-Benzo[b]fluoren	120	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Perylene	740	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2DL	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			5.0	D	R	No	S4VEM
Phenol-d5			5.0	J D	R	No	S4VEM
Benzaldehyde	1400	ug/kg	5.0	U	R	No	S4VEM
Phenol	1400	ug/kg	5.0	U	R	No	S4VEM
Chrysene-d12			5.0	D	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			5.0	J D	R	No	S4VEM
bis(2-Chloroethyl)ether	1400	ug/kg	5.0	U	R	No	S4VEM
Acenaphthene-d10			5.0	D	R	No	S4VEM
2-Chlorophenol-d4			5.0	J D	R	No	S4VEM
2-Chlorophenol	1400	ug/kg	5.0	U	R	No	S4VEM
Phenanthrene-d10			5.0	D	R	No	S4VEM
4-Methylphenol-d8			5.0	J D	R	No	S4VEM
2-Methylphenol	1400	ug/kg	5.0	U	R	No	S4VEM
Naphthalene-d8			5.0	D	R	No	S4VEM
Nitrobenzene-d5			5.0	J D	R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	1400	ug/kg	5.0	U	R	No	S4VEM
2-Nitrophenol-d4			5.0	J D	R	No	S4VEM
Perylene-d12			5.0	D	R	No	S4VEM
Acetophenone	1400	ug/kg	5.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			5.0	J D	R	No	S4VEM
4-Chloroaniline-d4			5.0	J D	R	No	S4VEM
4-Methylphenol	1400	ug/kg	5.0	U	R	No	S4VEM
N-Nitroso-di-n-propylamine	1400	ug/kg	5.0	U	R	No	S4VEM
Dimethylphthalate-d6			5.0	J D	R	No	S4VEM
Acenaphthylene-d8			5.0	J D	R	No	S4VEM
Hexachloroethane	1400	ug/kg	5.0	U	R	No	S4VEM
4-Nitrophenol-d4			5.0	J D	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	1400	ug/kg	5.0	U	R	No	S4VEM
Fluorene-d10			5.0	J D	R	No	S4VEM
Isophorone	1400	ug/kg	5.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			5.0	J D	R	No	S4VEM
2-Nitrophenol	1400	ug/kg	5.0	U	R	No	S4VEM
2,4-Dimethylphenol	1400	ug/kg	5.0	U	R	No	S4VEM
Anthracene-d10			5.0	D	R	No	S4VEM
Bis(2-Chloroethoxy)methane	1400	ug/kg	5.0	U	R	No	S4VEM
Pyrene-d10			5.0	J D	R	No	S4VEM
2,4-Dichlorophenol	1400	ug/kg	5.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			5.0	D	R	No	S4VEM
Naphthalene	1400	ug/kg	5.0	U	R	No	S4VEM
4-Chloroaniline	1400	ug/kg	5.0	U	R	No	S4VEM
Hexachlorobutadiene	1400	ug/kg	5.0	U	R	No	S4VEM
Caprolactam	1400	ug/kg	5.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	1400	ug/kg	5.0	U	R	No	S4VEM
2-Methylnaphthalene	1400	ug/kg	5.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	1400	ug/kg	5.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	1400	ug/kg	5.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	1400	ug/kg	5.0	U	R	No	S4VEM
1,1'-Biphenyl	1400	ug/kg	5.0	U	R	No	S4VEM
2-Chloronaphthalene	1400	ug/kg	5.0	U	R	No	S4VEM
2-Nitroaniline	2600	ug/kg	5.0	U	R	No	S4VEM
Dimethylphthalate	1400	ug/kg	5.0	U	R	No	S4VEM
2,6-Dinitrotoluene	1400	ug/kg	5.0	U	R	No	S4VEM
Acenaphthylene	1400	ug/kg	5.0	U	R	No	S4VEM
3-Nitroaniline	2600	ug/kg	5.0	U	R	No	S4VEM
Acenaphthene	1400	ug/kg	5.0	U	R	No	S4VEM
2,4-Dinitrophenol	2600	ug/kg	5.0	U	R	No	S4VEM
4-Nitrophenol	2600	ug/kg	5.0	U	R	No	S4VEM
Dibenzofuran	1400	ug/kg	5.0	U	R	No	S4VEM
2,4-Dinitrotoluene	1400	ug/kg	5.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	1400	ug/kg	5.0	U	R	No	S4VEM
Fluorene	1400	ug/kg	5.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	1400	ug/kg	5.0	U	R	No	S4VEM
4-Nitroaniline	2600	ug/kg	5.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	2600	ug/kg	5.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	1400	ug/kg	5.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	1400	ug/kg	5.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	1400	ug/kg	5.0	U	R	No	S4VEM
Hexachlorobenzene	1400	ug/kg	5.0	U	R	No	S4VEM
Atrazine	1400	ug/kg	5.0	U	R	No	S4VEM
Pentachlorophenol	2600	ug/kg	5.0	U	R	No	S4VEM
Phenanthrene	2900	ug/kg	5.0	D	R	No	S4VEM
Anthracene	520	ug/kg	5.0	J D	R	No	S4VEM
Carbazole	400	ug/kg	5.0	J D	R	No	S4VEM
Di-n-butylphthalate	1400	ug/kg	5.0	U	R	No	S4VEM
Fluoranthene	6200	ug/kg	5.0	D		Yes	S4VEM
Pyrene	3900	ug/kg	5.0	D		Yes	S4VEM
Butylbenzylphthalate	1400	ug/kg	5.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	1400	ug/kg	5.0	U	R	No	S4VEM
Benzo(a)anthracene	1900	ug/kg	5.0	D	R	No	S4VEM
Chrysene	2200	ug/kg	5.0	D	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	1400	ug/kg	5.0	U	R	No	S4VEM
Di-n-octylphthalate	1400	ug/kg	5.0	U	R	No	S4VEM
Benzo(b)fluoranthene	2900	ug/kg	5.0	D	R	No	S4VEM
Benzo(k)fluoranthene	1100	ug/kg	5.0	J D	R	No	S4VEM
Benzo(a)pyrene	1900	ug/kg	5.0	D	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	870	ug/kg	5.0	J D	R	No	S4VEM
Dibenzo(a,h)anthracene	1400	ug/kg	5.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	790	ug/kg	5.0	J D	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	1400	ug/kg	5.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Heptadecane	750	ug/kg	5.0	NJ D	R	No	S4VEM
3-Hexene-2,5-dione	1800	ug/kg	5.0	NJ D	R	No	S4VEM
Benzo[e]pyrene	1300	ug/kg	5.0	NJ D	R	No	S4VEM
Tetradecane	530	ug/kg	5.0	NJ D	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY

Sample Number:	JSXZ2DL	Method:	BNA_SIM	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH01SD	pH:	6.7	Sample Date:	06/13/2013	Sample Time:	17:00:00
% Moisture :	37.1			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	100	ug/kg	20.0	U	R	No	S4VEM
Fluoranthene-d10			20.0	J D	R	No	S4VEM
Naphthalene-d8			20.0	D	R	No	S4VEM
2-Methylnaphthalene-d10			20.0	U	R	No	S4VEM
Phenanthrene-d10			20.0	D	R	No	S4VEM
2-Methylnaphthalene	100	ug/kg	20.0	U	R	No	S4VEM
Acenaphthene-d10			20.0	D	R	No	S4VEM
Acenaphthylene	100	ug/kg	20.0	U	R	No	S4VEM
Perylene-d12			20.0	D	R	No	S4VEM
Acenaphthene	130	ug/kg	20.0	D		Yes	S4VEM
Chrysene-d12			20.0	D	R	No	S4VEM
Fluorene	240	ug/kg	20.0	D		Yes	S4VEM
Pentachlorophenol	210	ug/kg	20.0	U	R	No	S4VEM
Phenanthrene	3100	ug/kg	20.0	E D	R	No	S4VEM
Anthracene	910	ug/kg	20.0	D	R	No	S4VEM
Fluoranthene	6800	ug/kg	20.0	E D	R	No	S4VEM
Pyrene	4900	ug/kg	20.0	E D	R	No	S4VEM
Benzo(a)anthracene	2500	ug/kg	20.0	E D	R	No	S4VEM
Chrysene	2700	ug/kg	20.0	E D	R	No	S4VEM
Benzo(b)fluoranthene	2600	ug/kg	20.0	E D	R	No	S4VEM
Benzo(k)fluoranthene	910	ug/kg	20.0	D	R	No	S4VEM
Benzo(a)pyrene	2100	ug/kg	20.0	E D	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	1400	ug/kg	20.0	E D	R	No	S4VEM
Dibenzo(a,h)anthracene	400	ug/kg	20.0	D		Yes	S4VEM
Benzo(g,h,i)perylene	1500	ug/kg	20.0	E D	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2DL2	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			200.0	D	R	No	S4VEM
Naphthalene	1000	ug/kg	200.0	U	R	No	S4VEM
Naphthalene-d8			200.0	D	R	No	S4VEM
2-Methylnaphthalene-d10			200.0	U	R	No	S4VEM
Phenanthrene-d10			200.0	D	R	No	S4VEM
2-Methylnaphthalene	1000	ug/kg	200.0	U	R	No	S4VEM
Acenaphthene-d10			200.0	D	R	No	S4VEM
Acenaphthylene	1000	ug/kg	200.0	U	R	No	S4VEM
Perylene-d12			200.0	D	R	No	S4VEM
Acenaphthene	1000	ug/kg	200.0	U	R	No	S4VEM
Fluorene	1000	ug/kg	200.0	U	R	No	S4VEM
Chrysene-d12			200.0	D	R	No	S4VEM
Pentachlorophenol	2100	ug/kg	200.0	U	R	No	S4VEM
Phenanthrene	2900	ug/kg	200.0	D	R	No	S4VEM
Anthracene	1000	ug/kg	200.0	U	R	No	S4VEM
Fluoranthene	5300	ug/kg	200.0	D	R	No	S4VEM
Pyrene	3600	ug/kg	200.0	D	R	No	S4VEM
Benzo(a)anthracene	2000	ug/kg	200.0	D	R	No	S4VEM
Chrysene	2000	ug/kg	200.0	D	R	No	S4VEM
Benzo(b)fluoranthene	2300	ug/kg	200.0	D	R	No	S4VEM
Benzo(k)fluoranthene	910	ug/kg	200.0	J D	R	No	S4VEM
Benzo(a)pyrene	1700	ug/kg	200.0	D	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	720	ug/kg	200.0	J D	R	No	S4VEM
Dibenzo(a,h)anthracene	1000	ug/kg	200.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	610	ug/kg	200.0	J D	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2MS	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	19	ug/kg	1.0		J	Yes	S4VEM
Heptachlor	20	ug/kg	1.0		J	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.6	ug/kg	1.0	JPB	U	Yes	S4VEM
Aldrin	19	ug/kg	1.0		J	Yes	S4VEM
delta-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	40	ug/kg	1.0		J	Yes	S4VEM
Endrin	43	ug/kg	1.0		J	Yes	S4VEM
4,4'-DDT	43	ug/kg	1.0	P	J	Yes	S4VEM
Heptachlor epoxide	0.14	ug/kg	1.0	JP	J	Yes	S4VEM
Endosulfan I	0.18	ug/kg	1.0	JP	J	Yes	S4VEM
4,4'-DDE	1.7	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	0.27	ug/kg	1.0	JP	J	Yes	S4VEM
4,4'-DDD	0.72	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan sulfate	50	ug/kg	1.0			Yes	S4VEM
Methoxychlor	26	ug/kg	1.0	JP	U	Yes	S4VEM
Endrin ketone	1.2	ug/kg	1.0	JP	J	Yes	S4VEM
Endrin aldehyde	0.12	ug/kg	1.0	JP	J	Yes	S4VEM
alpha-Chlordane	2.6	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	0.18	ug/kg	1.0	JP	J	Yes	S4VEM
Toxaphene	260	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2MS	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenol	1100	ug/kg	1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol	1100	ug/kg	1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	1100	ug/kg	1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	1300	ug/kg	1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Acenaphthene	1200	ug/kg	1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	1800	ug/kg	1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,4-Dinitrotoluene	1300	ug/kg	1.0			Yes	S4VEM
Acetophenone	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Pentachlorophenol	1300	ug/kg	1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	2700	ug/kg	1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	270	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethoxy)methane	270	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	270	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	270	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	270	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4-Dinitrophenol	520	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	270	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	520	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	270	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	790	ug/kg	1.0			Yes	S4VEM
Anthracene	100	ug/kg	1.0	J	J	Yes	S4VEM
Carbazole	120	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-butylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	1700	ug/kg	1.0			Yes	S4VEM
Butylbenzylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	480	ug/kg	1.0			Yes	S4VEM
Chrysene	590	ug/kg	1.0			Yes	S4VEM
bis(2-Ethylhexyl)phthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	760	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	250	ug/kg	1.0	J	J	Yes	S4VEM
Benzo(a)pyrene	500	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	240	ug/kg	1.0	J	J	Yes	S4VEM
Dibenzo(a,h)anthracene	71	ug/kg	1.0	J	J	Yes	S4VEM
Benzo(g,h,i)perylene	270	ug/kg	1.0	J	J	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2MS	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	4.2	ug/kg	1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Acenaphthene	75	ug/kg	1.0	E		Yes	S4VEM
Pentachlorophenol			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10	12	ug/kg	1.0		J	Yes	S4VEM
2-Methylnaphthalene	2.7	ug/kg	1.0	J	J	Yes	S4VEM
Acenaphthylene			1.0			Yes	S4VEM
Pyrene	4.4	ug/kg	1.0	E		Yes	S4VEM
Acenaphthene-d10	3200	ug/kg	1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12	110	ug/kg	1.0			Yes	S4VEM
Fluorene			1.0	E		Yes	S4VEM
Phenanthrene	2500	ug/kg	1.0	E		Yes	S4VEM
Anthracene	380	ug/kg	1.0	E		Yes	S4VEM
Fluoranthene	6300	ug/kg	1.0	E		Yes	S4VEM
Benzo(a)anthracene	1400	ug/kg	1.0	E		Yes	S4VEM
Chrysene	1400	ug/kg	1.0	E		Yes	S4VEM
Benzo(b)fluoranthene	1500	ug/kg	1.0	E		Yes	S4VEM
Benzo(k)fluoranthene	530	ug/kg	1.0	E		Yes	S4VEM
Benzo(a)pyrene	1100	ug/kg	1.0	E		Yes	S4VEM
Indeno(1,2,3-cd)pyrene	370	ug/kg	1.0	E		Yes	S4VEM
Dibenzo(a,h)anthracene	110	ug/kg	1.0	E		Yes	S4VEM
Benzo(g,h,i)perylene	310	ug/kg	1.0	E	J	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2MSD	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol	1200	ug/kg	1.0			Yes	S4VEM
Benzaldehyde	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
2-Chlorophenol	1100	ug/kg	1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	1200	ug/kg	1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	1400	ug/kg	1.0			Yes	S4VEM
Acenaphthene	1300	ug/kg	1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
4-Nitrophenol	2000	ug/kg	1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
2,4-Dinitrotoluene	1400	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	1400	ug/kg	1.0			Yes	S4VEM
4-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Pyrene	3300	ug/kg	1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Nitrobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	270	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	270	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	270	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	270	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
3-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	520	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	270	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	520	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	270	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	1100	ug/kg	1.0			Yes	S4VEM
Anthracene	170	ug/kg	1.0	J	J	Yes	S4VEM
Carbazole	150	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-butylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2700	ug/kg	1.0			Yes	S4VEM
Butylbenzylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	740	ug/kg	1.0			Yes	S4VEM
Chrysene	900	ug/kg	1.0			Yes	S4VEM
bis(2-Ethylhexyl)phthalate	94	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-octylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	1400	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	410	ug/kg	1.0			Yes	S4VEM
Benzo(a)pyrene	770	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	280	ug/kg	1.0			Yes	S4VEM
Dibenzo(a,h)anthracene	86	ug/kg	1.0	J	J	Yes	S4VEM
Benzo(g,h,i)perylene	290	ug/kg	1.0		J	Yes	S4VEM
2,3,4,6-Tetrachlorophen	270	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	270	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2MSD	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
gamma-BHC (Lindane)	22	ug/kg	1.0		J	Yes	S4VEM
alpha-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0	P		Yes	S4VEM
Heptachlor	23	ug/kg	1.0	P	J	Yes	S4VEM
beta-BHC	2.6	ug/kg	1.0	JB	U	Yes	S4VEM
delta-BHC	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	21	ug/kg	1.0		J	Yes	S4VEM
Dieldrin	46	ug/kg	1.0	P	J	Yes	S4VEM
Endrin	49	ug/kg	1.0		J	Yes	S4VEM
4,4'-DDT	49	ug/kg	1.0	P	J	Yes	S4VEM
Heptachlor epoxide	0.28	ug/kg	1.0	JP	J	Yes	S4VEM
Endosulfan I	2.6	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	2.2	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	0.52	ug/kg	1.0	JP	J	Yes	S4VEM
4,4'-DDD	0.71	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan sulfate	37	ug/kg	1.0			Yes	S4VEM
Methoxychlor	74	ug/kg	1.0	P		Yes	S4VEM
Endrin ketone	2.3	ug/kg	1.0	JP	J	Yes	S4VEM
Endrin aldehyde	0.34	ug/kg	1.0	JP	J	Yes	S4VEM
alpha-Chlordane	0.46	ug/kg	1.0	JP	J	Yes	S4VEM
gamma-Chlordane	2.6	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	260	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2MSD	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Acenaphthene	110	ug/kg	1.0	E		Yes	S4VEM
Naphthalene	3.6	ug/kg	1.0			Yes	S4VEM
2-Methylnaphthalene	3.1	ug/kg	1.0	J	J	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Pentachlorophenol	11	ug/kg	1.0		J	Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthylene	8.4	ug/kg	1.0			Yes	S4VEM
Pyrene	4700	ug/kg	1.0	E		Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	200	ug/kg	1.0	E		Yes	S4VEM
Phenanthrene	4500	ug/kg	1.0	E		Yes	S4VEM
Anthracene	740	ug/kg	1.0	E		Yes	S4VEM
Fluoranthene	9600	ug/kg	1.0	E		Yes	S4VEM
Benzo(a)anthracene	2000	ug/kg	1.0	E		Yes	S4VEM
Chrysene	1800	ug/kg	1.0	E		Yes	S4VEM
Benzo(b)fluoranthene	2300	ug/kg	1.0	E		Yes	S4VEM
Benzo(k)fluoranthene	710	ug/kg	1.0	E		Yes	S4VEM
Benzo(a)pyrene	1600	ug/kg	1.0	E		Yes	S4VEM
Indeno(1,2,3-cd)pyrene	540	ug/kg	1.0	E		Yes	S4VEM
Dibenzo(a,h)anthracene	160	ug/kg	1.0	E		Yes	S4VEM
Benzo(g,h,i)perylene	380	ug/kg	1.0	E	J	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2RE	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	51	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	6.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Aroclor-1260	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	51	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	270	ug/kg	1.0	U	R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Phenol	270	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	270	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
2-Chlorophenol	270	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Methylphenol	270	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	270	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	270	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
4-Methylphenol	270	ug/kg	1.0	U	R	No	S4VEM
N-Nitroso-di-n-propylamine	270	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	270	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	270	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	270	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol	270	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	270	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	270	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
2,4-Dichlorophenol	270	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	270	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	270	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	270	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	270	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	270	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	270	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	270	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	270	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	270	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	270	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	270	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	520	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	270	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	270	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	270	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	520	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	110	ug/kg	1.0	J	R	No	S4VEM
2,4-Dinitrophenol	520	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	520	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	270	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	270	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	270	ug/kg	1.0	U	R	No	S4VEM
Fluorene	170	ug/kg	1.0	J	R	No	S4VEM
4-Chlorophenyl-phenylether	270	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	520	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	520	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	270	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	270	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	270	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	270	ug/kg	1.0	U	R	No	S4VEM
Atrazine	270	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	520	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	3900	ug/kg	1.0		R	No	S4VEM
Anthracene	560	ug/kg	1.0		R	No	S4VEM
Carbazole	410	ug/kg	1.0		R	No	S4VEM
Di-n-butylphthalate	270	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	8800	ug/kg	1.0	E	R	No	S4VEM
Pyrene	4900	ug/kg	1.0	E	R	No	S4VEM
Butylbenzylphthalate	270	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	270	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	2100	ug/kg	1.0		R	No	S4VEM
Chrysene	2400	ug/kg	1.0		R	No	S4VEM
bis(2-Ethylhexyl)phthalate	140	ug/kg	1.0	J	R	No	S4VEM
Di-n-octylphthalate	270	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	3700	ug/kg	1.0		R	No	S4VEM
Benzo(k)fluoranthene	1100	ug/kg	1.0		R	No	S4VEM
Benzo(a)pyrene	2200	ug/kg	1.0		R	No	S4VEM
Indeno(1,2,3-cd)pyrene	850	ug/kg	1.0		R	No	S4VEM
Dibenzo(a,h)anthracene	250	ug/kg	1.0	J	R	No	S4VEM
Benzo(g,h,i)perylene	850	ug/kg	1.0		R	No	S4VEM
2,3,4,6-Tetrachlorophenol	270	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzo[e]pyrene	1300	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	460	ug/kg	1.0	NJ	R	No	S4VEM
9,10-Anthracenedione	490	ug/kg	1.0	NJ	R	No	S4VEM
Perylene	790	ug/kg	1.0	NJ	R	No	S4VEM
4b,8-Dimethyl-2-isopropylphenanthrene, 4	380	ug/kg	1.0	NJ	R	No	S4VEM
Cyclopenta(cd)pyrene, 3,4-dihydro-	110	ug/kg	1.0	NJ	R	No	S4VEM
11H-Benzo[a]fluoren-			1.0	NJ	R	No	S4VEM
4H-Cyclopenta[def]phenanthrene	660	ug/kg	1.0	NJ	R	No	S4VEM
2-Methoxybenzoic acid, benzyl ester	460	ug/kg	1.0	NJ	R	No	S4VEM
Pyrene, 2-methyl-	170	ug/kg	1.0	NJ	R	No	S4VEM
11H-Benzo[a]fluoren-	120	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2REMS	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	140	ug/kg	1.0			Yes	S4VEM
Aroclor-1260	130	ug/kg	1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1221	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1232	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	11	ug/kg	1.0	JP	J	Yes	S4VEM
Aroclor-1262	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	51	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2REMS	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
Phenol	1100	ug/kg	1.0			Yes	S4VEM
Benzaldehyde	270	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
2-Chlorophenol	1100	ug/kg	1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	1100	ug/kg	1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	1300	ug/kg	1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	1200	ug/kg	1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	1900	ug/kg	1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
2,4-Dinitrotoluene	1300	ug/kg	1.0			Yes	S4VEM
Acetophenone	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	1300	ug/kg	1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Pyrene	2700	ug/kg	1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	270	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dimethylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	270	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	270	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	270	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	340	ug/kg	1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
3-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	520	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	270	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	520	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	270	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	800	ug/kg	1.0			Yes	S4VEM
Anthracene	110	ug/kg	1.0	J	J	Yes	S4VEM
Carbazole	110	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-butylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	1700	ug/kg	1.0			Yes	S4VEM
Butylbenzylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	480	ug/kg	1.0			Yes	S4VEM
Chrysene	590	ug/kg	1.0			Yes	S4VEM
bis(2-Ethylhexyl)phthalate	81	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-octylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	800	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	270	ug/kg	1.0			Yes	S4VEM
Benzo(a)pyrene	500	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	230	ug/kg	1.0	J	J	Yes	S4VEM
Dibenzo(a,h)anthracene	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	230	ug/kg	1.0	J	J	Yes	S4VEM
2,3,4,6-Tetrachlorophen	270	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	270	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2REMSD	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 2.0	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene	160	ug/kg	1.0			Yes	S4VEM
Aroclor-1016			1.0			Yes	S4VEM
Aroclor-1260			1.0			Yes	S4VEM
Decachlorobiphenyl	51	ug/kg	1.0		U	Yes	S4VEM
Aroclor-1221	140	ug/kg	1.0	U		Yes	S4VEM
Aroclor-1232	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	10	ug/kg	1.0	JP	J	Yes	S4VEM
Aroclor-1262	51	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	51	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ2REMSD	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 6.7	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture : 37.1		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenol	1200	ug/kg	1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
2-Chlorophenol	1100	ug/kg	1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	270	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	1200	ug/kg	1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
4-Chloro-3-methylphenol	1400	ug/kg	1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	1300	ug/kg	1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
4-Nitrophenol	1900	ug/kg	1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	270	ug/kg	1.0	U	U	Yes	S4VEM
Acetophenone	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
2,4-Dinitrotoluene	1400	ug/kg	1.0			Yes	S4VEM
Pentachlorophenol	1400	ug/kg	1.0			Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Methylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3500	ug/kg	1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Nitrobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Isophorone	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	270	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	270	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	270	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	270	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	270	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4-Dinitrophenol	520	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	270	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	520	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	520	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	270	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	270	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	270	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	270	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	1100	ug/kg	1.0			Yes	S4VEM
Anthracene	170	ug/kg	1.0	J	J	Yes	S4VEM
Carbazole	140	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-butylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	2700	ug/kg	1.0			Yes	S4VEM
Butylbenzylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	740	ug/kg	1.0			Yes	S4VEM
Chrysene	900	ug/kg	1.0			Yes	S4VEM
bis(2-Ethylhexyl)phthalate	93	ug/kg	1.0	J	J	Yes	S4VEM
Di-n-octylphthalate	270	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	1500	ug/kg	1.0			Yes	S4VEM
Benzo(k)fluoranthene	460	ug/kg	1.0			Yes	S4VEM
Benzo(a)pyrene	780	ug/kg	1.0			Yes	S4VEM
Indeno(1,2,3-cd)pyrene	260	ug/kg	1.0	J	J	Yes	S4VEM
Dibenzo(a,h)anthracene	75	ug/kg	1.0	J	J	Yes	S4VEM
Benzo(g,h,i)perylene	270	ug/kg	1.0	J	J	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	270	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ3	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH01SS	pH: 5.4	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture : 17.7		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	8.0	ug/kg	1.0	U	UJK	Yes	S4VEM
Phenanthrene	1.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.4	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	2.5	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ3	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH01SS	pH: 5.4	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture : 17.7		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	200	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	200	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	390	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	200	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	390	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
n-Hexadecanoic acid	91	ug/kg	1.0	NJ	NJ	Yes	S4VEM
p,p'-DDE	100	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ3	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH01SS	pH: 5.4	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture : 17.7		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	2.0	ug/kg	1.0	JPB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	0.20	ug/kg	1.0	J	JQ	Yes	S4VEM
Dieldrin	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	200	ug/kg	1.0	E	R	No	S4VEM
Endrin	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan Ii	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.30	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan sulfate	0.26	ug/kg	1.0	J	JQ	Yes	S4VEM
4,4'-DDT	4.1	ug/kg	1.0			Yes	S4VEM
Methoxychlor	0.18	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endrin ketone	4.0	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	4.0	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	2.0	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ3	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH01SS	pH: 2.0	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture : 17.7		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	39	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	39	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ3DL	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH01SS	pH: 5.4	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture : 17.7		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			5.0	D	R	No	S4VEM
alpha-BHC	0.50	ug/kg	5.0	J D	R	No	S4VEM
beta-BHC	10	ug/kg	5.0	U	R	No	S4VEM
Decachlorobiphenyl			5.0	D	R	No	S4VEM
delta-BHC	10	ug/kg	5.0	U	R	No	S4VEM
gamma-BHC (Lindane)	10	ug/kg	5.0	U	R	No	S4VEM
Heptachlor	10	ug/kg	5.0	U	R	No	S4VEM
Aldrin	10	ug/kg	5.0	U	R	No	S4VEM
Heptachlor epoxide	10	ug/kg	5.0	U	R	No	S4VEM
Endosulfan I	10	ug/kg	5.0	U	R	No	S4VEM
Dieldrin	0.44	ug/kg	5.0	J DP	R	No	S4VEM
4,4'-DDE	230	ug/kg	5.0	D		Yes	S4VEM
Endrin	20	ug/kg	5.0	U	R	No	S4VEM
Endosulfan II	20	ug/kg	5.0	U	R	No	S4VEM
4,4'-DDD	0.76	ug/kg	5.0	J DP	R	No	S4VEM
Endosulfan sulfate	20	ug/kg	5.0	U	R	No	S4VEM
4,4'-DDT	4.1	ug/kg	5.0	J D	R	No	S4VEM
Methoxychlor	100	ug/kg	5.0	U	R	No	S4VEM
Endrin ketone	1.3	ug/kg	5.0	J D	R	No	S4VEM
Endrin aldehyde	20	ug/kg	5.0	U	R	No	S4VEM
alpha-Chlordane	10	ug/kg	5.0	U	R	No	S4VEM
gamma-Chlordane	0.71	ug/kg	5.0	J DP	R	No	S4VEM
Toxaphene	1000	ug/kg	5.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ3RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH01SS	pH: 5.4	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture : 17.7		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	200	ug/kg	1.0	U	R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Phenol	200	ug/kg	1.0	U	R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0		R	No	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol-d4			1.0		R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	200	ug/kg	1.0	U	R	No	S4VEM
Isophorone	200	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	390	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	390	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	390	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
Atrazine	200	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	390	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
p,p'-DDE	100	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ4	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH02SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:00:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/kg	1.0	U	U	Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Acetophenone	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0	J		Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	190	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	80	ug/kg	1.0	J	JQ	Yes	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Stigmast-4-en-3-one	480	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Oxirane, hexadecyl-	130	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Tetracosanoic acid	95	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Hexadecane, 2,6,10,14-tetramethyl-	1200	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Docosanoic acid	110	ug/kg	1.0	NJ	NJ	Yes	S4VEM
n-Hexadecanoic acid	270	ug/kg	1.0	NJ	NJ	Yes	S4VEM
E-9-Tetradecenoic acid	200	ug/kg	1.0	NJ	NJ	Yes	S4VEM
o,p'-DDE	110	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Stigmasterol, 22,23-dihydro-	730	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Pentadecane	78	ug/kg	1.0	NJ	NJ	Yes	S4VEM
Oxirane, hexadecyl-			1.0	NJ		Yes	S4VEM
Octadecanoic acid	100	ug/kg	1.0	NJ	NJ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ4	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH02SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:00:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.0	ug/kg	1.0	JPB	U	Yes	S4VEM
delta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	0.098	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan I	0.26	ug/kg	1.0	JP	JQ	Yes	S4VEM
Dieldrin	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDE	140	ug/kg	1.0	E	R	No	S4VEM
Endrin	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
Endosulfan II	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.41	ug/kg	1.0	JP	JQ	Yes	S4VEM
Endosulfan sulfate	4.0	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDT	4.3	ug/kg	1.0			Yes	S4VEM
Methoxychlor	20	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.8	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	0.16	ug/kg	1.0	JP	JQ	Yes	S4VEM
gamma-Chlordane	2.0	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ4	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH02SS	pH: 2.0	Sample Date: 06/14/2013	Sample Time: 14:00:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	38	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	38	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	38	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ4	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH02SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:00:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylnaphthalene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthylene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Fluorene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	7.7	ug/kg	1.0	U	UJK	Yes	S4VEM
Phenanthrene	1.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Pyrene	2.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)anthracene	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
Chrysene	3.5	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(b)fluoranthene	3.0	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(k)fluoranthene	2.6	ug/kg	1.0	J	JQ	Yes	S4VEM
Benzo(a)pyrene	1.2	ug/kg	1.0	J	JQ	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.8	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ4DL	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH02SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:00:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	9.8	ug/kg	5.0	U	U	No	S4VEM
Tetrachloro-m-xylene			5.0	DP		No	S4VEM
Decachlorobiphenyl			5.0	D		No	S4VEM
beta-BHC	9.8	ug/kg	5.0	U	U	No	S4VEM
delta-BHC	9.8	ug/kg	5.0	U	U	No	S4VEM
gamma-BHC (Lindane)	9.8	ug/kg	5.0	U	U	No	S4VEM
Heptachlor	9.8	ug/kg	5.0	U	U	No	S4VEM
Aldrin	9.8	ug/kg	5.0	U	U	No	S4VEM
Heptachlor epoxide	9.8	ug/kg	5.0	U	U	No	S4VEM
Endosulfan I	9.8	ug/kg	5.0	U	U	No	S4VEM
Dieldrin	0.40	ug/kg	5.0	J DP	J	No	S4VEM
4,4'-DDE	140	ug/kg	5.0	D		Yes	S4VEM
Endrin	19	ug/kg	5.0	U	U	No	S4VEM
Endosulfan II	19	ug/kg	5.0	U	U	No	S4VEM
4,4'-DDD	0.85	ug/kg	5.0	J DP	J	No	S4VEM
Endosulfan sulfate	19	ug/kg	5.0	U	U	No	S4VEM
4,4'-DDT	3.7	ug/kg	5.0	J D	J	No	S4VEM
Methoxychlor	98	ug/kg	5.0	U	U	No	S4VEM
Endrin ketone	19	ug/kg	5.0	U	U	No	S4VEM
Endrin aldehyde	19	ug/kg	5.0	U	U	No	S4VEM
alpha-Chlordane	9.8	ug/kg	5.0	U	U	No	S4VEM
gamma-Chlordane	1.0	ug/kg	5.0	J DP	J	No	S4VEM
Toxaphene	980	ug/kg	5.0	U	U	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ4RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH02SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:00:00
% Moisture : 14.3		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0		R	No	S4VEM
Benzaldehyde	190	ug/kg	1.0	U	R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Phenol	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	190	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Chlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
2-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	190	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0	J	R	No	S4VEM
N-Nitroso-di-n-propylamine	190	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	190	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Isophorone	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
2-Nitrophenol	190	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
2,4-Dimethylphenol	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
Naphthalene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	190	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	190	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	190	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	190	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	190	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	190	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	190	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	380	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	190	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	380	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	380	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	380	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	190	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluorene	190	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	380	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	380	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	190	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	190	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	190	ug/kg	1.0	U	R	No	S4VEM
Atrazine	190	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	380	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	190	ug/kg	1.0	U	R	No	S4VEM
Anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Carbazole	190	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Chrysene	190	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	79	ug/kg	1.0	J	R	No	S4VEM
Di-n-octylphthalate	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	190	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	190	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	190	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	190	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Hexadecane, 2,6,10,14-tetramethyl-	1300	ug/kg	1.0	NJ	R	No	S4VEM
Tetracosanoic acid	84	ug/kg	1.0	NJ	R	No	S4VEM
Hexadecanal	230	ug/kg	1.0	NJ	R	No	S4VEM
p,p'-DDE	120	ug/kg	1.0	NJ	R	No	S4VEM
Hexadecane, 2,6,10,14-tetramethyl-			1.0	NJ	R	No	S4VEM
Squalene	100	ug/kg	1.0	NJ	R	No	S4VEM
.beta.-Sitosterol	150	ug/kg	1.0	NJ	R	No	S4VEM
Docosanoic acid	96	ug/kg	1.0	NJ	R	No	S4VEM
Stigmast-4-en-3-one	420	ug/kg	1.0	NJ	R	No	S4VEM
n-Hexadecanoic acid	250	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanal	140	ug/kg	1.0	NJ	R	No	S4VEM
Octadecanoic acid	100	ug/kg	1.0	NJ	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ5	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH03SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:15:00
% Moisture : 16.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Benzaldehyde	200	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Phenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	UJK	Yes	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	390	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	390	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	390	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	200	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	390	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ5	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH03SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:15:00
% Moisture : 16.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
alpha-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
delta-BHC	2.0	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	2.0	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.9	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	1.3	ug/kg	1.0	J	JQ	Yes	S4VEM
Endrin	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.9	ug/kg	1.0	JP	U	Yes	S4VEM
4,4'-DDD	0.14	ug/kg	1.0	J	JQ	Yes	S4VEM
Endosulfan sulfate	3.9	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	0.29	ug/kg	1.0	J	JQ	Yes	S4VEM
Methoxychlor	20	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.9	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	0.21	ug/kg	1.0	J	JQ	Yes	S4VEM
gamma-Chlordane	2.0	ug/kg	1.0	JP	U	Yes	S4VEM
Toxaphene	200	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ5	Method: Aroclor	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH03SS	pH: 2.0	Sample Date: 06/14/2013	Sample Time: 14:15:00
% Moisture : 16.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Aroclor-1016	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1221	39	ug/kg	1.0	U	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
Aroclor-1232	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1242	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1248	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1254	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1260	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1262	39	ug/kg	1.0	U	U	Yes	S4VEM
Aroclor-1268	39	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ5	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH03SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:15:00
% Moisture : 16.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
Naphthalene	1.1	ug/kg	1.0	J	JQ	Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	7.9	ug/kg	1.0	U	UJK	Yes	S4VEM
Phenanthrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.9	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.9	ug/kg	1.0	U	UJK	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: JSXZ5RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH03SS	pH: 5.5	Sample Date: 06/14/2013	Sample Time: 14:15:00
% Moisture : 16.4		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	200	ug/kg	1.0	U	R	No	S4VEM
Phenol-d5			1.0		R	No	S4VEM
1,4-Dichlorobenzene-d4			1.0		R	No	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0		R	No	S4VEM
Phenol	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene-d12			1.0		R	No	S4VEM
bis(2-Chloroethyl)ether	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene-d10			1.0		R	No	S4VEM
2-Chlorophenol-d4			1.0		R	No	S4VEM
Phenanthrene-d10			1.0		R	No	S4VEM
2-Chlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol-d8			1.0		R	No	S4VEM
2-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene-d5			1.0		R	No	S4VEM
Naphthalene-d8			1.0		R	No	S4VEM
2-Nitrophenol-d4			1.0		R	No	S4VEM
2,2'-Oxybis(1-chloropropane)	200	ug/kg	1.0	U	R	No	S4VEM
Perylene-d12			1.0		R	No	S4VEM
2,4-Dichlorophenol-d3			1.0		R	No	S4VEM
Acetophenone	200	ug/kg	1.0	U	R	No	S4VEM
4-Methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline-d4			1.0		R	No	S4VEM
N-Nitroso-di-n-propylamine	200	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate-d6			1.0		R	No	S4VEM
Acenaphthylene-d8			1.0		R	No	S4VEM
Hexachloroethane	200	ug/kg	1.0	U	R	No	S4VEM
Nitrobenzene	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
4-Nitrophenol-d4			1.0		R	No	S4VEM
Fluorene-d10			1.0		R	No	S4VEM
Isophorone	200	ug/kg	1.0	U	R	No	S4VEM
2-Nitrophenol	200	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0		R	No	S4VEM
Anthracene-d10			1.0		R	No	S4VEM
2,4-Dimethylphenol	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene-d10			1.0		R	No	S4VEM
Bis(2-Chloroethoxy)methane	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene-d12			1.0		R	No	S4VEM
Naphthalene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloroaniline	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobutadiene	200	ug/kg	1.0	U	R	No	S4VEM
Caprolactam	200	ug/kg	1.0	U	R	No	S4VEM
4-Chloro-3-methylphenol	200	ug/kg	1.0	U	R	No	S4VEM
2-Methylnaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorocyclopentadiene	200	ug/kg	1.0	U	R	No	S4VEM
2,4,6-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
2,4,5-Trichlorophenol	200	ug/kg	1.0	U	R	No	S4VEM
1,1'-Biphenyl	200	ug/kg	1.0	U	R	No	S4VEM
2-Chloronaphthalene	200	ug/kg	1.0	U	R	No	S4VEM
2-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
Dimethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
2,6-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM
Acenaphthylene	200	ug/kg	1.0	U	R	No	S4VEM
3-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
Acenaphthene	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrophenol	390	ug/kg	1.0	U	R	No	S4VEM
4-Nitrophenol	390	ug/kg	1.0	U	R	No	S4VEM
Dibenzofuran	200	ug/kg	1.0	U	R	No	S4VEM
2,4-Dinitrotoluene	200	ug/kg	1.0	U	R	No	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluorene	200	ug/kg	1.0	U	R	No	S4VEM
4-Chlorophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
4-Nitroaniline	390	ug/kg	1.0	U	R	No	S4VEM
4,6-Dinitro-2-methylphenol	390	ug/kg	1.0	U	R	No	S4VEM
N-Nitrosodiphenylamine	200	ug/kg	1.0	U	R	No	S4VEM
1,2,4,5-Tetrachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
4-Bromophenyl-phenylether	200	ug/kg	1.0	U	R	No	S4VEM
Hexachlorobenzene	200	ug/kg	1.0	U	R	No	S4VEM
Atrazine	200	ug/kg	1.0	U	R	No	S4VEM
Pentachlorophenol	390	ug/kg	1.0	U	R	No	S4VEM
Phenanthrene	200	ug/kg	1.0	U	R	No	S4VEM
Anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Carbazole	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-butylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Butylbenzylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
3,3'-Dichlorobenzidine	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Chrysene	200	ug/kg	1.0	U	R	No	S4VEM
bis(2-Ethylhexyl)phthalate	200	ug/kg	1.0	U	R	No	S4VEM
Di-n-octylphthalate	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(b)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(k)fluoranthene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(a)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Indeno(1,2,3-cd)pyrene	200	ug/kg	1.0	U	R	No	S4VEM
Dibenzo(a,h)anthracene	200	ug/kg	1.0	U	R	No	S4VEM
Benzo(g,h,i)perylene	200	ug/kg	1.0	U	R	No	S4VEM
2,3,4,6-Tetrachlorophenol	200	ug/kg	1.0	U	R	No	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: PBLK86	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
beta-BHC	0.18	ug/kg	1.0	J	J	Yes	S4VEM
delta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan I	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDE	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan II	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	17	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.3	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: PLCS86	Method: Pest	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
alpha-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
gamma-BHC (Lindane)	1.2	ug/kg	1.0	J	J	Yes	S4VEM
Tetrachloro-m-xylene			1.0			Yes	S4VEM
beta-BHC	1.7	ug/kg	1.0	JB	U	Yes	S4VEM
Decachlorobiphenyl			1.0			Yes	S4VEM
delta-BHC	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Dieldrin	3.0	ug/kg	1.0	J	J	Yes	S4VEM
Endrin	3.1	ug/kg	1.0	J	J	Yes	S4VEM
Heptachlor	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Aldrin	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Heptachlor epoxide	1.4	ug/kg	1.0	J	J	Yes	S4VEM
4,4'-DDE	2.9	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan I	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Endosulfan sulfate	2.5	ug/kg	1.0	J	J	Yes	S4VEM
gamma-Chlordane	1.4	ug/kg	1.0	J	J	Yes	S4VEM
Endosulfan II	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDD	3.3	ug/kg	1.0	U	U	Yes	S4VEM
4,4'-DDT	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Methoxychlor	17	ug/kg	1.0	U	U	Yes	S4VEM
Endrin ketone	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Endrin aldehyde	3.3	ug/kg	1.0	U	U	Yes	S4VEM
alpha-Chlordane	1.7	ug/kg	1.0	U	U	Yes	S4VEM
Toxaphene	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: SBLK64	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol-d5			1.0			Yes	S4VEM
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	170	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Phenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
2-Chlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
2-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM
Hexachloroethane	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Isophorone	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
2-Nitrophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	170	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	170	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Diethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	330	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	170	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	170	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	170	ug/kg	1.0	U	UJ	Yes	S4VEM
2,3,4,6-Tetrachlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: SBLK64RE	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dichlorobenzene-d4			1.0			Yes	S4VEM
Benzaldehyde	170	ug/kg	1.0	U	U	Yes	S4VEM
Phenol-d5			1.0			Yes	S4VEM
Phenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Bis(2-Chloroethyl)ether-d8			1.0			Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
2-Chlorophenol-d4			1.0			Yes	S4VEM
bis(2-Chloroethyl)ether	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
4-Methylphenol-d8			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Chlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Nitrobenzene-d5			1.0			Yes	S4VEM
Naphthalene-d8			1.0			Yes	S4VEM
2-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
2-Nitrophenol-d4			1.0			Yes	S4VEM
2,2'-Oxybis(1-chloropropane)	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dichlorophenol-d3			1.0			Yes	S4VEM
Acetophenone	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline-d4			1.0			Yes	S4VEM
N-Nitroso-di-n-propylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate-d6			1.0			Yes	S4VEM
Hexachloroethane	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene-d8			1.0			Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Nitrobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol-d4			1.0			Yes	S4VEM
Fluorene-d10			1.0			Yes	S4VEM
Isophorone	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitrophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol-d2			1.0			Yes	S4VEM
2,4-Dimethylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene-d10			1.0			Yes	S4VEM
Bis(2-Chloroethoxy)methane	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene-d10			1.0			Yes	S4VEM
2,4-Dichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene-d12			1.0			Yes	S4VEM
Naphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloroaniline	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobutadiene	170	ug/kg	1.0	U	U	Yes	S4VEM
Caprolactam	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chloro-3-methylphenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Methylnaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorocyclopentadiene	170	ug/kg	1.0	U	UJ	Yes	S4VEM
2,4,6-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4,5-Trichlorophenol	170	ug/kg	1.0	U	U	Yes	S4VEM
1,1'-Biphenyl	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Chloronaphthalene	170	ug/kg	1.0	U	U	Yes	S4VEM
2-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Dimethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
2,6-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	170	ug/kg	1.0	U	U	Yes	S4VEM
3-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene	170	ug/kg	1.0	U	U	Yes	S4VEM
2,4-Dinitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitrophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzofuran	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4-Dinitrotoluene	170	ug/kg	1.0	U	U	Yes	S4VEM
Diethylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluorene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Chlorophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Nitroaniline	330	ug/kg	1.0	U	U	Yes	S4VEM
4,6-Dinitro-2-methylphenol	330	ug/kg	1.0	U	U	Yes	S4VEM
N-Nitrosodiphenylamine	170	ug/kg	1.0	U	U	Yes	S4VEM
1,2,4,5-Tetrachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
4-Bromophenyl-phenylether	170	ug/kg	1.0	U	U	Yes	S4VEM
Hexachlorobenzene	170	ug/kg	1.0	U	U	Yes	S4VEM
Atrazine	170	ug/kg	1.0	U	U	Yes	S4VEM
Pentachlorophenol	330	ug/kg	1.0	U	U	Yes	S4VEM
Phenanthrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Carbazole	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-butylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Butylbenzylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
3,3'-Dichlorobenzidine	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	170	ug/kg	1.0	U	U	Yes	S4VEM
bis(2-Ethylhexyl)phthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Di-n-octylphthalate	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	170	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	170	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	170	ug/kg	1.0	U	UJ	Yes	S4VEM
2,3,4,6-Tetrachlorophen	170	ug/kg	1.0	U	U	Yes	S4VEM

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
ol	170	ug/kg	1.0	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW11035	SDG No: JSXY5	Lab Code: SHEALY
Sample Number: SBLK66	Method: BNA_SIM	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0.0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Naphthalene-d8			1.0			Yes	S4VEM
Naphthalene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene-d10			1.0			Yes	S4VEM
Phenanthrene-d10			1.0			Yes	S4VEM
2-Methylnaphthalene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthylene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Acenaphthene-d10			1.0			Yes	S4VEM
Acenaphthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Perylene-d12			1.0			Yes	S4VEM
Fluorene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene-d12			1.0			Yes	S4VEM
Pentachlorophenol	6.7	ug/kg	1.0	U	UJ	Yes	S4VEM
Phenanthrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Chrysene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(b)fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(k)fluoranthene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(a)pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Indeno(1,2,3-cd)pyrene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Dibenzo(a,h)anthracene	3.3	ug/kg	1.0	U	U	Yes	S4VEM
Benzo(g,h,i)perylene	3.3	ug/kg	1.0	U	UJ	Yes	S4VEM

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXY5 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178088 **SOW** SOM01.2

Analytical Sample Listing

BNA

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXY5	Field_Sample	Soil	Low	06/13/2013 13:35:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 16:04:00	Zebron ZB-SV	MSD4
JSXY5RE	Field_Sample	Soil	Low	06/13/2013 13:35:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 00:07:00	Zebron ZB-SV	MSD4
JSXY6	Field_Sample	Soil	Low	06/13/2013 14:10:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 13:31:00	Zebron ZB-SV	MSD4
JSXY6RE	Field_Sample	Soil	Low	06/13/2013 14:10:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 21:36:00	Zebron ZB-SV	MSD4
JSXY7	Field_Sample	Soil	Low	06/13/2013 14:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 13:57:00	Zebron ZB-SV	MSD4
JSXY7RE	Field_Sample	Soil	Low	06/13/2013 14:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 22:02:00	Zebron ZB-SV	MSD4
JSXY8	Field_Sample	Soil	Low	06/13/2013 15:50:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 14:22:00	Zebron ZB-SV	MSD4
JSXY8RE	Field_Sample	Soil	Low	06/13/2013 15:50:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 22:27:00	Zebron ZB-SV	MSD4
JSXY9	Field_Sample	Soil	Low	06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 14:47:00	Zebron ZB-SV	MSD4
JSXY9RE	Field_Sample	Soil	Low	06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 22:52:00	Zebron ZB-SV	MSD4
JSXZ0	Field_Sample	Soil	Low	06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 11:25:00	Zebron ZB-SV	MSD4
JSXZ0RE	Field_Sample	Soil	Low	06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 19:30:00	Zebron ZB-SV	MSD4
JSXZ1	Field_Sample	Soil	Low	06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 13:06:00	Zebron ZB-SV	MSD4
JSXZ1RE	Field_Sample	Soil	Low	06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 21:11:00	Zebron ZB-SV	MSD4
JSXZ2	Field_Sample	Soil	Low	06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 11:50:00	Zebron ZB-SV	MSD4
JSXZ2DL	Field_Sample	Soil	Low	06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 00:58:00	Zebron ZB-SV	MSD4
JSXZ2MS	Matrix_Spike	Soil	Low	06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 12:15:00	Zebron ZB-SV	MSD4
JSXZ2MSD	Matrix_Spike_Duplicate	Soil	Low	06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 12:41:00	Zebron ZB-SV	MSD4
JSXZ2RE	Field_Sample	Soil	Low	06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 19:55:00	Zebron ZB-SV	MSD4
JSXZ2REMS	Matrix_Spike	Soil	Low	06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 20:20:00	Zebron ZB-SV	MSD4
JSXZ2REMSD	Matrix_Spike_Duplicate	Soil	Low	06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 20:46:00	Zebron ZB-SV	MSD4
JSXZ3	Field_Sample	Soil	Low	06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 15:13:00	Zebron ZB-SV	MSD4
JSXZ3RE	Field_Sample	Soil	Low	06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 23:17:00	Zebron ZB-SV	MSD4
JSXZ4	Field_Sample	Soil	Low	06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 15:38:00	Zebron ZB-SV	MSD4
JSXZ4RE	Field_Sample	Soil	Low	06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 23:42:00	Zebron ZB-SV	MSD4
JSXZ5	Field_Sample	Soil	Low	06/14/2013 14:15:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/22/2013 16:29:00	Zebron ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXY5 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178088 **SOW** SOM01.2

Analytical Sample Listing

BNA

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXZ5RE	Field_Sample	Soil	Low	06/14/2013 14:15:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 00:33:00	Zebron ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXY5 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178088 **SOW** SOM01.2

Analytical Sample Listing

BNA_SIM

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXY5	Field_Sample	Soil		06/13/2013 13:35:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 05:07:00	ZEBRON ZB-SV	MSD4
JSXY6	Field_Sample	Soil		06/13/2013 14:10:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 05:34:00	ZEBRON ZB-SV	MSD4
JSXY7	Field_Sample	Soil		06/13/2013 14:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 06:02:00	ZEBRON ZB-SV	MSD4
JSXY8	Field_Sample	Soil		06/13/2013 15:50:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 06:29:00	ZEBRON ZB-SV	MSD4
JSXY9	Field_Sample	Soil		06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 06:56:00	ZEBRON ZB-SV	MSD4
JSXZ0	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 07:24:00	ZEBRON ZB-SV	MSD4
JSXZ0DL	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 11:30:00	ZEBRON ZB-SV	MSD4
JSXZ0DL2	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/24/2013 10:46:00	ZEBRON ZB-SV	MSD4
JSXZ1	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 07:51:00	ZEBRON ZB-SV	MSD4
JSXZ1DL	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 11:58:00	ZEBRON ZB-SV	MSD4
JSXZ2	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 08:18:00	ZEBRON ZB-SV	MSD4
JSXZ2DL	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/24/2013 11:21:00	ZEBRON ZB-SV	MSD4
JSXZ2DL2	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 12:25:00	ZEBRON ZB-SV	MSD4
JSXZ2MS	Matrix_Spike	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 08:46:00	ZEBRON ZB-SV	MSD4
JSXZ2MSD	Matrix_Spike_Duplicate	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 09:13:00	ZEBRON ZB-SV	MSD4
JSXZ3	Field_Sample	Soil		06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 09:41:00	ZEBRON ZB-SV	MSD4
JSXZ4	Field_Sample	Soil		06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 10:08:00	ZEBRON ZB-SV	MSD4
JSXZ5	Field_Sample	Soil		06/14/2013 14:15:00	06/19/2013 09:10:00	Sonication	06/20/2013 10:34:00	06/23/2013 10:35:00	ZEBRON ZB-SV	MSD4

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXY5 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178088 **SOW** SOM01.2

Analytical Sample Listing

Pest

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXY5	Field_Sample	Soil		06/13/2013 13:35:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:10:00	DB-35MS	GC5
JSXY5	Field_Sample	Soil		06/13/2013 13:35:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:10:00	DB-XLB	GC5
JSXY6	Field_Sample	Soil		06/13/2013 14:10:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:26:00	DB-35MS	GC5
JSXY6	Field_Sample	Soil		06/13/2013 14:10:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:26:00	DB-XLB	GC5
JSXY7	Field_Sample	Soil		06/13/2013 14:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:41:00	DB-35MS	GC5
JSXY7	Field_Sample	Soil		06/13/2013 14:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:41:00	DB-XLB	GC5
JSXY8	Field_Sample	Soil		06/13/2013 15:50:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:57:00	DB-35MS	GC5
JSXY8	Field_Sample	Soil		06/13/2013 15:50:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 10:57:00	DB-XLB	GC5
JSXY9	Field_Sample	Soil		06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:28:00	DB-35MS	GC5
JSXY9	Field_Sample	Soil		06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:28:00	DB-XLB	GC5
JSXY9DL	Field_Sample	Soil		06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:12:00	DB-35MS	GC5
JSXY9DL	Field_Sample	Soil		06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:12:00	DB-XLB	GC5
JSXZ0	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 13:31:00	DB-35MS	GC5
JSXZ0	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 13:31:00	DB-XLB	GC5
JSXZ1	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 13:47:00	DB-35MS	GC5
JSXZ1	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 13:47:00	DB-XLB	GC5
JSXZ2	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 14:02:00	DB-35MS	GC5
JSXZ2	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 14:02:00	DB-XLB	GC5
JSXZ2MS	Matrix_Spike	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 14:18:00	DB-35MS	GC5
JSXZ2MS	Matrix_Spike	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 14:18:00	DB-XLB	GC5
JSXZ2MSD	Matrix_Spike_Duplicate	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 14:33:00	DB-35MS	GC5
JSXZ2MSD	Matrix_Spike_Duplicate	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 14:33:00	DB-XLB	GC5
JSXZ3	Field_Sample	Soil		06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:59:00	DB-35MS	GC5
JSXZ3	Field_Sample	Soil		06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:59:00	DB-XLB	GC5
JSXZ3DL	Field_Sample	Soil		06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:43:00	DB-35MS	GC5
JSXZ3DL	Field_Sample	Soil		06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 11:43:00	DB-XLB	GC5

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXY5 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178088 **SOW** SOM01.2

Analytical Sample Listing

Pest

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXZ4	Field_Sample	Soil		06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 12:29:00	DB-35MS	GC5
JSXZ4	Field_Sample	Soil		06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 12:30:00	DB-XLB	GC5
JSXZ4DL	Field_Sample	Soil		06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 12:14:00	DB-35MS	GC5
JSXZ4DL	Field_Sample	Soil		06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 12:14:00	DB-XLB	GC5
JSXZ5	Field_Sample	Soil		06/14/2013 14:15:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 12:45:00	DB-35MS	GC5
JSXZ5	Field_Sample	Soil		06/14/2013 14:15:00	06/19/2013 09:10:00	Sonication	06/20/2013 14:35:00	06/24/2013 12:45:00	DB-XLB	GC5

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXY5 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178088 **SOW** SOM01.2

Analytical Sample Listing

Aroclor

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXY5	Field_Sample	Soil		06/13/2013 13:35:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:11:00	DB-35MS	GC11
JSXY5	Field_Sample	Soil		06/13/2013 13:35:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:11:00	DB-XLB	GC11
JSXY6	Field_Sample	Soil		06/13/2013 14:10:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:27:00	DB-35MS	GC11
JSXY6	Field_Sample	Soil		06/13/2013 14:10:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:27:00	DB-XLB	GC11
JSXY7	Field_Sample	Soil		06/13/2013 14:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:41:00	DB-35MS	GC11
JSXY7	Field_Sample	Soil		06/13/2013 14:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:41:00	DB-XLB	GC11
JSXY8	Field_Sample	Soil		06/13/2013 15:50:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:56:00	DB-35MS	GC11
JSXY8	Field_Sample	Soil		06/13/2013 15:50:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 22:56:00	DB-XLB	GC11
JSXY9	Field_Sample	Soil		06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:12:00	DB-35MS	GC11
JSXY9	Field_Sample	Soil		06/13/2013 16:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:12:00	DB-XLB	GC11
JSXZ0	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:27:00	DB-35MS	GC11
JSXZ0	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:27:00	DB-XLB	GC11
JSXZ0RE	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 10:22:00	DB-35MS	GC11
JSXZ0RE	Field_Sample	Soil		06/13/2013 17:30:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 10:22:00	DB-XLB	GC11
JSXZ1	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:42:00	DB-35MS	GC11
JSXZ1	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:42:00	DB-XLB	GC11
JSXZ1RE	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 10:38:00	DB-35MS	GC11
JSXZ1RE	Field_Sample	Soil		06/13/2013 17:45:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 10:38:00	DB-XLB	GC11
JSXZ2	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:58:00	DB-35MS	GC11
JSXZ2	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/21/2013 23:58:00	DB-XLB	GC11
JSXZ2RE	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 10:53:00	DB-35MS	GC11
JSXZ2RE	Field_Sample	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 10:53:00	DB-XLB	GC11
JSXZ2REMS	Matrix_Spike	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 11:08:00	DB-35MS	GC11
JSXZ2REMS	Matrix_Spike	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 11:08:00	DB-XLB	GC11
JSXZ2REMSD	Matrix_Spike_Duplicate	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 11:23:00	DB-35MS	GC11
JSXZ2REMSD	Matrix_Spike_Duplicate	Soil		06/13/2013 17:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/23/2013 11:23:00	DB-XLB	GC11

National Functional Guidelines Report #06

Lab SHEALY(Shealy Environmental Services, Inc.) **SDG** JSXY5 **Case** 43548 **Contract** EPW11035 **Region** 10 **DDTID** 178088 **SOW** SOM01.2

Analytical Sample Listing

Aroclor

						Extraction		Analysis		
Sample Number	**Sample Type**	**Matrix**	**Level**	**Sampling Date**	**Date Received**	**Type**	**Date/Time**	**Date/Time**	**GC Column**	**Instrument**
JSXZ3	Field_Sample	Soil		06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/22/2013 00:44:00	DB-35MS	GC11
JSXZ3	Field_Sample	Soil		06/14/2013 13:20:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/22/2013 00:43:00	DB-XLB	GC11
JSXZ4	Field_Sample	Soil		06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/22/2013 00:59:00	DB-35MS	GC11
JSXZ4	Field_Sample	Soil		06/14/2013 14:00:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/22/2013 00:59:00	DB-XLB	GC11
JSXZ5	Field_Sample	Soil		06/14/2013 14:15:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/22/2013 01:14:00	DB-35MS	GC11
JSXZ5	Field_Sample	Soil		06/14/2013 14:15:00	06/19/2013 09:10:00	Sonication	06/20/2013 16:28:00	06/22/2013 01:14:00	DB-XLB	GC11

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MEMORANDUM

DATE: June 30, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Inorganic Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 15 soil samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Target analyte list metals analyses (EPA CLP SOW ISM01.3 and Modified Analysis Reference 2253.1) were performed by A4 Scientific, The Woodlands, Texas. All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic and/or Manual Process (S4VEM).

The samples were numbered:

MJSXT7	MJSXT8	MJSXT9	MJSXW0	MJSXW1
MJSXW2	MJSXW3	MJSXW4	MJSXW5	MJSXW6
MJSXW7	MJSXW8	MJSXW9	MJSXX0	MJSXX1

No discrepancies were noted.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

OFFICE OF
ENVIRONMENTAL ASSESSMENT

June 21, 2013

MEMORANDUM

SUBJECT: Data Validation Report for Metals Analysis of Samples Collected for the West Salem Preliminary Assessments, Case 43548, SDG: MJSXT7

FROM: Don Matheny, Chemist DM
Environmental Services Unit, OEA

TO: Joanne LaBaw, Site Assessment Manager

CC: Renee Nordeen, Ecology & Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of fifteen (15) soil samples, collected from the above referenced site, has been completed. These samples were analyzed for metals by A4 Scientific located in the Woodlands, TX.

Sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic/Manual Process (S4VEM). The validation was conducted according to the Quality Control Specifications outlined in:

- QAPP for West Salem Preliminary Assessments, Various Locations, E&E, Inc., (May, 2013)
- USEPA CLP Statement of Work for Inorganic Analyses (ISM01.3)
- Modified Analysis Reference No. 2253.1
- National Functional Guidelines for Inorganic Superfund Data Review (EPA-540-R-10-011)
- Guidance for Labeling Externally Validated Laboratory Analytical Data (EPA-540-R08-005)

Some data may be qualified using the reviewer's professional judgment. The conclusions presented herein are based on the information provided for the review.

A summary of samples evaluated in this validation report and the pertinent dates for sample collection, sample receipt at the laboratory, extraction and analyses is attached along with the validated data.

I. QUALITY CONTROL RESULTS SUMMARY

Quality Control Test	Result Ranges	Outliers?	Evaluation Criteria
Blanks	Within criteria	Y*	Not Detected or <10% of Sample
Matrix Spike (MJSXT7)	77 - 107%	N	75 – 125%
Sample Duplicate (MJSXT7)	≤ 5%	N	≤ 20% RPD or ± CRQL
LCS (blank spike)	94 – 114%	N	70 - 130%; Ag, Sb 50-150%
Serial Dilution (MJSXT7)	≤ 7%	Y*	≤ 10% Difference

*See the "*Data Qualifications*" section below for excursions and qualification of affected data.

II. DATA QUALIFICATIONS

Summary of Validation Qualifiers Applied

After the manual and electronic data review, the following data qualifications were applied:

Blanks
The following samples have analyte results ≥ MDLs but ≤ CRQLs. The associated instrument and/or preparation blank results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Non-detected analytes are not qualified. Sample results are reported at CRQLs.
Arsenic – All samples **Beryllium** - MJSXT9, MJSXW2, MJSXW4, MJSXW5, MJSXW7, MJSXT7 **Lead** - MJSXX0 **Molybdenum** - MJSXT7, MJSXT9, MJSXW0 - MJSXX1 **Silver** - MJSXT9, MJSXW0, MJSXW1, MJSXW2, MJSXW4, MJSXW7, MJSXT8, MJSXW8, MJSXT7 **Vanadium** - MJSXW9, MJSXX0
Detection Limit
The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified JQ.
Beryllium - MJSXW0, MJSXW1, MJSXW6, MJSXW8, MJSXW9, MJSXX1 **Cadmium** – All samples **Chromium** - MJSXT8, MJSXW3, MJSXW9, MJSXX0, MJSXX1 **Mercury** - MJSXT9, MJSXW0, MJSXW2, MJSXW4, MJSXW5, MJSXW3, MJSXW9, MJSXX1 **Potassium** - MJSXT8, MJSXW3, MJSXW9, MJSXX0, MJSXX1 **Sodium** - MJSXT8, MJSXT9, MJSXW0, MJSXW2 - MJSXW9, MJSXX0, MJSXX1
Serial Dilution
The following ICP-MS and ICP-AES Serial Dilution samples have percent difference (%D) > 10% and initial sample results are > 50xMDLs. The detected analytes in samples with results ≥ MDLs are qualified JL. Non-detected analytes in samples are qualified UJL.
ICP-AES: Aluminum, Calcium, Iron, Magnesium – All samples **ICP-MS: Cobalt, Manganese, Nickel, Vanadium, Zinc** – All samples

Data Qualifiers

The following is a list of validation qualifiers applied to the sample result(s) when needed to indicate associated out-of-control QA/QC results.

Data Qualifiers	
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
J	The associated value is an estimated quantity.
UJ	The analyte was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The data are unusable. The analyte may or may not be present in the sample.
Project Specific Data Qualifiers	
L	Low bias.
H	High bias.
K	Unknown Bias.
Q	Detected concentration is below the MRL / CRQL but is above the MDL.

III. SAMPLE INDEX

Sample ID	Matrix	Sample Date	Date Received	ICP-AES Analysis	ICP-MS Analysis	Mercury Analysis
MJSXT7	Soil	6/10/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXT8	Sediment	6/10/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXT9	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW0	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW1	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW2	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW3	Sediment	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW4	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW5	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW6	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW7	Soil	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW8	Sediment	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXW9	Sediment	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXX0	Sediment	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013
MJSXX1	Sediment	6/11/2013	6/13/2013	6/17/2013	6/17/2013	6/14/2013

Sample Summary Report

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	LCS27	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	39.8	mg/kg	1			Yes	S4VEM
Calcium	1110	mg/kg	1			Yes	S4VEM
Iron	20.8	mg/kg	1			Yes	S4VEM
Magnesium	1020	mg/kg	1			Yes	S4VEM
Potassium	999	mg/kg	1			Yes	S4VEM
Sodium	1030	mg/kg	1			Yes	S4VEM
Molybdenum	2.3	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: LCS38	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	1.9	mg/kg	1			Yes	S4VEM
Arsenic	0.97	mg/kg	1			Yes	S4VEM
Barium	9.4	mg/kg	1			Yes	S4VEM
Beryllium	0.96	mg/kg	1			Yes	S4VEM
Cadmium	0.96	mg/kg	1			Yes	S4VEM
Chromium	1.9	mg/kg	1			Yes	S4VEM
Cobalt	0.96	mg/kg	1			Yes	S4VEM
Copper	2.0	mg/kg	1			Yes	S4VEM
Lead	0.95	mg/kg	1			Yes	S4VEM
Manganese	0.99	mg/kg	1			Yes	S4VEM
Nickel	1.0	mg/kg	1			Yes	S4VEM
Selenium	4.9	mg/kg	1			Yes	S4VEM
Silver	0.98	mg/kg	1			Yes	S4VEM
Thallium	0.95	mg/kg	1			Yes	S4VEM
Vanadium	4.8	mg/kg	1			Yes	S4VEM
Zinc	2.0	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4

Sample Number:	MJSXT7	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	BG02SS	pH:		Sample Date:	06/10/2013	Sample Time:	16:50:00
% Moisture :				% Solids :	85.91824		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.12	mg/kg	1	U	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXT7	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	BG02SS	pH:		Sample Date:	06/10/2013	Sample Time:	16:50:00
% Moisture :				% Solids :	85.91824		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.8	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.9	mg/kg	5	JD	U	Yes	S4VEM
Barium	130	mg/kg	5	D		Yes	S4VEM
Beryllium	2.9	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.75	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	15.9	mg/kg	10	D		Yes	S4VEM
Cobalt	12.2	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	21.8	mg/kg	10	D		Yes	S4VEM
Lead	6.0	mg/kg	5	D		Yes	S4VEM
Manganese	508	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	20.3	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	14.5	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.9	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.9	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	51.6	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	45.5	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4

Sample Number:	MJSXT7	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	BG02SS	pH:		Sample Date:	06/10/2013	Sample Time:	16:50:00
% Moisture :				% Solids :	85.91824		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	15200	mg/kg	1	E	JL	Yes	S4VEM
Calcium	5530	mg/kg	1	E	JL	Yes	S4VEM
Iron	26900	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4820	mg/kg	1	E	JL	Yes	S4VEM
Potassium	724	mg/kg	1			Yes	S4VEM
Sodium	669	mg/kg	1			Yes	S4VEM
Molybdenum	1.2	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXT7D	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:	06/10/2013	Sample Time:	16:50:00
% Moisture :				% Solids :	85.91824		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	15800	mg/kg	1			Yes	S4VEM
Calcium	5770	mg/kg	1			Yes	S4VEM
Iron	27700	mg/kg	1			Yes	S4VEM
Magnesium	5030	mg/kg	1			Yes	S4VEM
Potassium	740	mg/kg	1			Yes	S4VEM
Sodium	695	mg/kg	1			Yes	S4VEM
Molybdenum	1.2	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXT7D	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/10/2013	Sample Time:	16:50:00
% Moisture :				% Solids :	85.91824		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.12	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXT7D	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date: 06/10/2013	Sample Time: 16:50:00
% Moisture :		% Solids : 85.91824	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.8	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.9	mg/kg	5	JD	U	Yes	S4VEM
Barium	137	mg/kg	5	D		Yes	S4VEM
Beryllium	2.9	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.93	mg/kg	5	JD	J	Yes	S4VEM
Chromium	15.8	mg/kg	10	D		Yes	S4VEM
Cobalt	12.0	mg/kg	10	D		Yes	S4VEM
Copper	21.9	mg/kg	10	D		Yes	S4VEM
Lead	6.4	mg/kg	5	D		Yes	S4VEM
Manganese	498	mg/kg	10	D		Yes	S4VEM
Nickel	20.0	mg/kg	10	D		Yes	S4VEM
Selenium	14.5	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.9	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.9	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	51.6	mg/kg	10	D		Yes	S4VEM
Zinc	48.0	mg/kg	5	D		Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXT7S	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date: 06/10/2013	Sample Time: 16:50:00
% Moisture :		% Solids : 85.91824	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	11.4	mg/kg	5	D		Yes	S4VEM
Arsenic	6.1	mg/kg	5	D		Yes	S4VEM
Barium	360	mg/kg	5	D		Yes	S4VEM
Beryllium	5.9	mg/kg	5	D		Yes	S4VEM
Cadmium	6.5	mg/kg	5	D		Yes	S4VEM
Chromium	35.1	mg/kg	10	D		Yes	S4VEM
Cobalt	61.7	mg/kg	10	D		Yes	S4VEM
Copper	48.0	mg/kg	10	D		Yes	S4VEM
Lead	8.2	mg/kg	5	D		Yes	S4VEM
Manganese	559	mg/kg	10	D		Yes	S4VEM
Nickel	71.0	mg/kg	10	D		Yes	S4VEM
Selenium	10.3	mg/kg	5	JD	J	Yes	S4VEM
Silver	5.7	mg/kg	5	D		Yes	S4VEM
Thallium	5.6	mg/kg	5	D		Yes	S4VEM
Vanadium	101	mg/kg	10	D		Yes	S4VEM
Zinc	90.4	mg/kg	5	D		Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXT7S	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/10/2013	Sample Time:	16:50:00
% Moisture :				% Solids :	85.91824		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.62	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXT7S	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location:	pH:	Sample Date: 06/10/2013	Sample Time: 16:50:00
% Moisture :		% Solids : 85.91824	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Molybdenum	12.0	mg/kg	1			Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXT8	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	BG03SD	pH:		Sample Date:	06/10/2013	Sample Time:	18:17:00
% Moisture :				% Solids :	72.38606		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.14	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXT8	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: BG03SD	pH:	Sample Date: 06/10/2013	Sample Time: 18:17:00
% Moisture :		% Solids : 72.38606	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	10800	mg/kg	1	E	JL	Yes	S4VEM
Calcium	4460	mg/kg	1	E	JL	Yes	S4VEM
Iron	24800	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4310	mg/kg	1	E	JL	Yes	S4VEM
Potassium	571	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	543	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.4	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXT8	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: BG03SD	pH:	Sample Date: 06/10/2013	Sample Time: 18:17:00
% Moisture :		% Solids : 72.38606	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	6.9	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	6.9	mg/kg	10	JD	U	Yes	S4VEM
Barium	99.6	mg/kg	5	D		Yes	S4VEM
Beryllium	6.9	mg/kg	10	UD	U	Yes	S4VEM
Cadmium	0.86	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	11.1	mg/kg	10	JD	JQ	Yes	S4VEM
Cobalt	8.7	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	16.1	mg/kg	10	D		Yes	S4VEM
Lead	3.7	mg/kg	5	D		Yes	S4VEM
Manganese	313	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	16.8	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	34.5	mg/kg	10	UD	U	Yes	S4VEM
Silver	3.5	mg/kg	5	JD	U	Yes	S4VEM
Thallium	3.5	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	38.7	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	41.7	mg/kg	10	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXT9	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SS	pH:	Sample Date: 06/11/2013	Sample Time: 11:02:00
% Moisture :		% Solids : 77.48488	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	6.4	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.2	mg/kg	5	JD	U	Yes	S4VEM
Barium	136	mg/kg	5	D		Yes	S4VEM
Beryllium	3.2	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.91	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	14.4	mg/kg	5	D		Yes	S4VEM
Cobalt	11.2	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	22.1	mg/kg	5	D		Yes	S4VEM
Lead	21.7	mg/kg	5	D		Yes	S4VEM
Manganese	409	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	18.9	mg/kg	5	D,E	JL	Yes	S4VEM
Selenium	16.0	mg/kg	5	UD	U	Yes	S4VEM
Silver	3.2	mg/kg	5	JD	U	Yes	S4VEM
Thallium	3.2	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	51.7	mg/kg	5	D,E	JL	Yes	S4VEM
Zinc	62.7	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXT9	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP01SS	pH:		Sample Date:	06/11/2013	Sample Time:	11:02:00
% Moisture :				% Solids :	77.48488		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.081	mg/kg	1	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXT9	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP01SS	pH:	Sample Date: 06/11/2013	Sample Time: 11:02:00
% Moisture :		% Solids : 77.48488	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	14500	mg/kg	1	E	JL	Yes	S4VEM
Calcium	4970	mg/kg	1	E	JL	Yes	S4VEM
Iron	26000	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4430	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1120	mg/kg	1			Yes	S4VEM
Sodium	607	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.3	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW0	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	WP03SS	pH:		Sample Date:	06/11/2013	Sample Time:	14:20:00
% Moisture :				% Solids :	70.27743		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	14200	mg/kg	1	E	JL	Yes	S4VEM
Calcium	6380	mg/kg	1	E	JL	Yes	S4VEM
Iron	25500	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	3940	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1420	mg/kg	1			Yes	S4VEM
Sodium	644	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.4	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW0	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SS	pH:	Sample Date: 06/11/2013	Sample Time: 14:20:00
% Moisture :		% Solids : 70.27743	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.045	mg/kg	1	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW0	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SS	pH:	Sample Date: 06/11/2013	Sample Time: 14:20:00
% Moisture :		% Solids : 70.27743	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	7.0	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	7.0	mg/kg	10	JD	U	Yes	S4VEM
Barium	129	mg/kg	5	D		Yes	S4VEM
Beryllium	0.36	mg/kg	10	JD	JQ	Yes	S4VEM
Cadmium	0.97	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	15.6	mg/kg	10	D		Yes	S4VEM
Cobalt	9.6	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	27.5	mg/kg	10	D		Yes	S4VEM
Lead	7.4	mg/kg	5	D		Yes	S4VEM
Manganese	362	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	18.6	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	34.9	mg/kg	10	UD	U	Yes	S4VEM
Silver	3.5	mg/kg	5	JD	U	Yes	S4VEM
Thallium	3.5	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	51.6	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	76.3	mg/kg	10	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW1	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP05SS	pH:	Sample Date: 06/11/2013	Sample Time: 15:10:00
% Moisture :		% Solids : 93.60301	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	11000	mg/kg	1	E	JL	Yes	S4VEM
Calcium	28500	mg/kg	1	E	JL	Yes	S4VEM
Iron	18900	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	5700	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1100	mg/kg	1			Yes	S4VEM
Sodium	570	mg/kg	1			Yes	S4VEM
Molybdenum	1.0	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW1	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP05SS	pH:		Sample Date:	06/11/2013	Sample Time:	15:10:00
% Moisture :				% Solids :	93.60301		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.2	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	5.2	mg/kg	10	JD	U	Yes	S4VEM
Barium	148	mg/kg	5	D		Yes	S4VEM
Beryllium	0.44	mg/kg	10	JD	JQ	Yes	S4VEM
Cadmium	0.68	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	15.7	mg/kg	10	D		Yes	S4VEM
Cobalt	7.8	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	17.8	mg/kg	10	D		Yes	S4VEM
Lead	4.5	mg/kg	5	D		Yes	S4VEM
Manganese	289	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	15.8	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	25.9	mg/kg	10	UD	U	Yes	S4VEM
Silver	2.6	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.6	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	35.4	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	47.8	mg/kg	10	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW1	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SS	pH:	Sample Date: 06/11/2013	Sample Time: 15:10:00
% Moisture :		% Solids : 93.60301	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	U	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW2	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	WP06SS	pH:		Sample Date:	06/11/2013	Sample Time:	16:55:00
% Moisture :				% Solids :	82.77455		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	14700	mg/kg	1	E	JL	Yes	S4VEM
Calcium	5380	mg/kg	1	E	JL	Yes	S4VEM
Iron	26200	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	5120	mg/kg	1	E	JL	Yes	S4VEM
Potassium	694	mg/kg	1			Yes	S4VEM
Sodium	553	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.2	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW2	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP06SS	pH:		Sample Date:	06/11/2013	Sample Time:	16:55:00
% Moisture :				% Solids :	82.77455		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.034	mg/kg	1	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW2	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP06SS	pH:	Sample Date: 06/11/2013	Sample Time: 16:55:00
% Moisture :		% Solids : 82.77455	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	6.0	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.0	mg/kg	5	JD	U	Yes	S4VEM
Barium	131	mg/kg	5	D		Yes	S4VEM
Beryllium	3.0	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.91	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	15.3	mg/kg	5	D		Yes	S4VEM
Cobalt	11.0	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	21.8	mg/kg	5	D		Yes	S4VEM
Lead	30.7	mg/kg	5	D		Yes	S4VEM
Manganese	405	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	19.4	mg/kg	5	D,E	JL	Yes	S4VEM
Selenium	15.0	mg/kg	5	UD	U	Yes	S4VEM
Silver	3.0	mg/kg	5	JD	U	Yes	S4VEM
Thallium	3.0	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	45.3	mg/kg	5	D,E	JL	Yes	S4VEM
Zinc	52.0	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW3	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP01SD	pH:	Sample Date: 06/11/2013	Sample Time: 12:55:00
% Moisture :		% Solids : 76.31116	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	11400	mg/kg	1	E	JL	Yes	S4VEM
Calcium	4730	mg/kg	1	E	JL	Yes	S4VEM
Iron	26400	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4600	mg/kg	1	E	JL	Yes	S4VEM
Potassium	562	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	579	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.3	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW3	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP01SD	pH:	Sample Date: 06/11/2013	Sample Time: 12:55:00
% Moisture :		% Solids : 76.31116	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	6.4	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	6.4	mg/kg	10	JD	U	Yes	S4VEM
Barium	66.2	mg/kg	5	D		Yes	S4VEM
Beryllium	6.4	mg/kg	10	UD	U	Yes	S4VEM
Cadmium	0.64	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	9.6	mg/kg	10	JD	JQ	Yes	S4VEM
Cobalt	9.6	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	20.0	mg/kg	10	D		Yes	S4VEM
Lead	5.0	mg/kg	5	D		Yes	S4VEM
Manganese	323	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	18.6	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	32.1	mg/kg	10	UD	U	Yes	S4VEM
Silver	3.2	mg/kg	5	UD	U	Yes	S4VEM
Thallium	3.2	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	34.8	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	42.6	mg/kg	10	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW3	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP01SD	pH:		Sample Date:	06/11/2013	Sample Time:	12:55:00
% Moisture :				% Solids :	76.31116		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.011	mg/kg	1	J	JQ	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW4	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP02SS	pH:		Sample Date:	06/11/2013	Sample Time:	13:35:00
% Moisture :				% Solids :	86.8702		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.020	mg/kg	1	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW4	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SS	pH:	Sample Date: 06/11/2013	Sample Time: 13:35:00
% Moisture :		% Solids : 86.8702	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.6	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	125	mg/kg	5	D		Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	1.1	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	11.7	mg/kg	5	D		Yes	S4VEM
Cobalt	9.7	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	20.3	mg/kg	5	D		Yes	S4VEM
Lead	37.7	mg/kg	5	D		Yes	S4VEM
Manganese	384	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	16.0	mg/kg	5	D,E	JL	Yes	S4VEM
Selenium	14.1	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	47.5	mg/kg	5	D,E	JL	Yes	S4VEM
Zinc	67.2	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW4	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	WP02SS	pH:		Sample Date:	06/11/2013	Sample Time:	13:35:00
% Moisture :				% Solids :	86.8702		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	12100	mg/kg	1	E	JL	Yes	S4VEM
Calcium	6270	mg/kg	1	E	JL	Yes	S4VEM
Iron	24300	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	3990	mg/kg	1	E	JL	Yes	S4VEM
Potassium	935	mg/kg	1			Yes	S4VEM
Sodium	475	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.0	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW5	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SS	pH:	Sample Date: 06/11/2013	Sample Time: 14:40:00
% Moisture :		% Solids : 78.59619	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	6.2	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.1	mg/kg	5	JD	U	Yes	S4VEM
Barium	113	mg/kg	5	D		Yes	S4VEM
Beryllium	3.1	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.77	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	12.9	mg/kg	5	D		Yes	S4VEM
Cobalt	9.5	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	26.5	mg/kg	5	D		Yes	S4VEM
Lead	5.4	mg/kg	5	D		Yes	S4VEM
Manganese	354	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	16.7	mg/kg	5	D,E	JL	Yes	S4VEM
Selenium	15.6	mg/kg	5	UD	U	Yes	S4VEM
Silver	3.1	mg/kg	5	UD	U	Yes	S4VEM
Thallium	3.1	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	43.5	mg/kg	5	D,E	JL	Yes	S4VEM
Zinc	59.8	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW5	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP04SS	pH:		Sample Date:	06/11/2013	Sample Time:	14:40:00
% Moisture :				% Solids :	78.59619		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.022	mg/kg	1	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW5	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP04SS	pH:	Sample Date: 06/11/2013	Sample Time: 14:40:00
% Moisture :		% Solids : 78.59619	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	13400	mg/kg	1	E	JL	Yes	S4VEM
Calcium	5920	mg/kg	1	E	JL	Yes	S4VEM
Iron	24600	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4220	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1320	mg/kg	1			Yes	S4VEM
Sodium	523	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.3	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW6	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP07SS	pH:	Sample Date: 06/11/2013	Sample Time: 17:28:00
% Moisture :		% Solids : 97.99423	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.1	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	5.1	mg/kg	10	JD	U	Yes	S4VEM
Barium	61.8	mg/kg	5	D		Yes	S4VEM
Beryllium	0.30	mg/kg	10	JD	JQ	Yes	S4VEM
Cadmium	0.54	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	11.3	mg/kg	10	D		Yes	S4VEM
Cobalt	8.1	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	19.9	mg/kg	10	D		Yes	S4VEM
Lead	12.1	mg/kg	5	D		Yes	S4VEM
Manganese	279	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	17.2	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	25.5	mg/kg	10	UD	U	Yes	S4VEM
Silver	2.6	mg/kg	5	UD	U	Yes	S4VEM
Thallium	2.6	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	33.7	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	48.4	mg/kg	10	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW6	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP07SS	pH:	Sample Date: 06/11/2013	Sample Time: 17:28:00
% Moisture :		% Solids : 97.99423	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	7160	mg/kg	1	E	JL	Yes	S4VEM
Calcium	3910	mg/kg	1	E	JL	Yes	S4VEM
Iron	25700	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	2930	mg/kg	1	E	JL	Yes	S4VEM
Potassium	525	mg/kg	1			Yes	S4VEM
Sodium	363	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.0	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW6	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP07SS	pH:		Sample Date:	06/11/2013	Sample Time:	17:28:00
% Moisture :				% Solids :	97.99423		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.098	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW7	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP08SS	pH:	Sample Date: 06/11/2013	Sample Time: 18:58:00
% Moisture :		% Solids : 86.09587	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	14300	mg/kg	1	E	JL	Yes	S4VEM
Calcium	4960	mg/kg	1	E	JL	Yes	S4VEM
Iron	25000	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4570	mg/kg	1	E	JL	Yes	S4VEM
Potassium	964	mg/kg	1			Yes	S4VEM
Sodium	538	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW7	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP08SS	pH:		Sample Date:	06/11/2013	Sample Time:	18:58:00
% Moisture :				% Solids :	86.09587		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW7	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP08SS	pH:	Sample Date: 06/11/2013	Sample Time: 18:58:00
% Moisture :		% Solids : 86.09587	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.6	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	107	mg/kg	5	D		Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.88	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	11.8	mg/kg	5	D		Yes	S4VEM
Cobalt	9.1	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	17.2	mg/kg	5	D		Yes	S4VEM
Lead	3.9	mg/kg	5	D		Yes	S4VEM
Manganese	354	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	16.5	mg/kg	5	D,E	JL	Yes	S4VEM
Selenium	14.1	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	42.7	mg/kg	5	D,E	JL	Yes	S4VEM
Zinc	43.9	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW8	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP02SD	pH:		Sample Date:	06/11/2013	Sample Time:	16:25:00
% Moisture :				% Solids :	61.33257		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.16	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW8	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP02SD	pH:	Sample Date: 06/11/2013	Sample Time: 16:25:00
% Moisture :		% Solids : 61.33257	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	17900	mg/kg	1	E	JL	Yes	S4VEM
Calcium	6330	mg/kg	1	E	JL	Yes	S4VEM
Iron	32800	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	6020	mg/kg	1	E	JL	Yes	S4VEM
Potassium	793	mg/kg	1			Yes	S4VEM
Sodium	673	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.6	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW8	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP02SD	pH:	Sample Date: 06/11/2013	Sample Time: 16:25:00
% Moisture :		% Solids : 61.33257	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	7.9	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	7.9	mg/kg	10	JD	U	Yes	S4VEM
Barium	153	mg/kg	5	D		Yes	S4VEM
Beryllium	0.53	mg/kg	10	JD	JQ	Yes	S4VEM
Cadmium	1.2	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	18.0	mg/kg	10	D		Yes	S4VEM
Cobalt	14.2	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	26.9	mg/kg	10	D		Yes	S4VEM
Lead	8.1	mg/kg	5	D		Yes	S4VEM
Manganese	461	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	24.0	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	39.6	mg/kg	10	UD	U	Yes	S4VEM
Silver	4.0	mg/kg	5	JD	U	Yes	S4VEM
Thallium	4.0	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	57.3	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	66.4	mg/kg	10	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW9	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP03SD	pH:	Sample Date: 06/11/2013	Sample Time: 17:45:00
% Moisture :		% Solids : 90.19042	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	9970	mg/kg	1	E	JL	Yes	S4VEM
Calcium	3850	mg/kg	1	E	JL	Yes	S4VEM
Iron	20400	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	3500	mg/kg	1	E	JL	Yes	S4VEM
Potassium	507	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	399	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXW9	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP03SD	pH:	Sample Date: 06/11/2013	Sample Time: 17:45:00
% Moisture :		% Solids : 90.19042	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.4	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	5.4	mg/kg	10	JD	U	Yes	S4VEM
Barium	58.6	mg/kg	5	D		Yes	S4VEM
Beryllium	0.26	mg/kg	10	JD	JQ	Yes	S4VEM
Cadmium	0.43	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	9.2	mg/kg	10	JD	JQ	Yes	S4VEM
Cobalt	6.9	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	11.7	mg/kg	10	D		Yes	S4VEM
Lead	2.9	mg/kg	5	D		Yes	S4VEM
Manganese	294	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	10.4	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	27.2	mg/kg	10	UD	U	Yes	S4VEM
Silver	2.7	mg/kg	5	UD	U	Yes	S4VEM
Thallium	2.7	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	27.2	mg/kg	10	JD,E	UJL	Yes	S4VEM
Zinc	31.1	mg/kg	10	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	MJSXW9	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WP03SD	pH:		Sample Date:	06/11/2013	Sample Time:	17:45:00
% Moisture :				% Solids :	90.19042		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.015	mg/kg	1	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXX0	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SD	pH:	Sample Date: 06/11/2013	Sample Time: 18:25:00
% Moisture :		% Solids : 86.58313	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.6	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	5.6	mg/kg	10	JD	U	Yes	S4VEM
Barium	50.1	mg/kg	5	D		Yes	S4VEM
Beryllium	5.6	mg/kg	10	UD	U	Yes	S4VEM
Cadmium	0.45	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	7.4	mg/kg	10	JD	JQ	Yes	S4VEM
Cobalt	6.6	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	16.3	mg/kg	10	D		Yes	S4VEM
Lead	2.8	mg/kg	5	JD	U	Yes	S4VEM
Manganese	214	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	15.7	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	28.0	mg/kg	10	UD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	UD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	28.0	mg/kg	10	JD,E	UJL	Yes	S4VEM
Zinc	31.2	mg/kg	10	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXX0	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP04SD	pH:	Sample Date: 06/11/2013	Sample Time: 18:25:00
% Moisture :		% Solids : 86.58313	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXX0	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP04SD	pH:	Sample Date: 06/11/2013	Sample Time: 18:25:00
% Moisture :		% Solids : 86.58313	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	6390	mg/kg	1	E	JL	Yes	S4VEM
Calcium	3170	mg/kg	1	E	JL	Yes	S4VEM
Iron	17600	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	2790	mg/kg	1	E	JL	Yes	S4VEM
Potassium	475	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	388	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXX1	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WP05SD	pH:	Sample Date: 06/11/2013	Sample Time: 18:40:00
% Moisture :		% Solids : 84.57792	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	8460	mg/kg	1	E	JL	Yes	S4VEM
Calcium	3650	mg/kg	1	E	JL	Yes	S4VEM
Iron	20700	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	2970	mg/kg	1	E	JL	Yes	S4VEM
Potassium	529	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	433	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXX1	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SD	pH:	Sample Date: 06/11/2013	Sample Time: 18:40:00
% Moisture :		% Solids : 84.57792	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.8	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	5.8	mg/kg	10	JD	U	Yes	S4VEM
Barium	69.6	mg/kg	5	D		Yes	S4VEM
Beryllium	0.29	mg/kg	10	JD	JQ	Yes	S4VEM
Cadmium	0.55	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	8.7	mg/kg	10	JD	JQ	Yes	S4VEM
Cobalt	7.3	mg/kg	10	D,E	JL	Yes	S4VEM
Copper	13.3	mg/kg	10	D		Yes	S4VEM
Lead	3.0	mg/kg	5	D		Yes	S4VEM
Manganese	269	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	13.4	mg/kg	10	D,E	JL	Yes	S4VEM
Selenium	29.0	mg/kg	10	UD	U	Yes	S4VEM
Silver	2.9	mg/kg	5	UD	U	Yes	S4VEM
Thallium	2.9	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	30.8	mg/kg	10	D,E	JL	Yes	S4VEM
Zinc	34.5	mg/kg	10	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: MJSXX1	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location: WP05SD	pH:	Sample Date: 06/11/2013	Sample Time: 18:40:00
% Moisture :		% Solids : 84.57792	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.010	mg/kg	1	J	JQ	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: PBS27	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	20.0	mg/kg	1	U	U	Yes	S4VEM
Calcium	500	mg/kg	1	U	U	Yes	S4VEM
Iron	10.0	mg/kg	1	U	U	Yes	S4VEM
Magnesium	500	mg/kg	1	U	U	Yes	S4VEM
Potassium	500	mg/kg	1	U	U	Yes	S4VEM
Sodium	500	mg/kg	1	U	U	Yes	S4VEM
Molybdenum	0.31	mg/kg	1	J	J	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXT7	Lab Code: A4
Sample Number: PBS38	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	1.0	mg/kg	1	U	U	Yes	S4VEM
Arsenic	0.50	mg/kg	1	U	U	Yes	S4VEM
Barium	5.0	mg/kg	1	U	U	Yes	S4VEM
Beryllium	0.50	mg/kg	1	U	U	Yes	S4VEM
Cadmium	0.50	mg/kg	1	U	U	Yes	S4VEM
Chromium	1.0	mg/kg	1	U	U	Yes	S4VEM
Cobalt	0.50	mg/kg	1	U	U	Yes	S4VEM
Copper	1.0	mg/kg	1	U	U	Yes	S4VEM
Lead	0.50	mg/kg	1	U	U	Yes	S4VEM
Manganese	0.50	mg/kg	1	U	U	Yes	S4VEM
Nickel	0.50	mg/kg	1	U	U	Yes	S4VEM
Selenium	2.5	mg/kg	1	U	U	Yes	S4VEM
Silver	0.50	mg/kg	1	U	U	Yes	S4VEM
Thallium	0.50	mg/kg	1	U	U	Yes	S4VEM
Vanadium	2.5	mg/kg	1	U	U	Yes	S4VEM
Zinc	1.0	mg/kg	1	U	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXT7	Lab Code:	A4
Sample Number:	PBS82	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	U	U	Yes	S4VEM

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MEMORANDUM

DATE: June 28, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Inorganic Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 19 soil/sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Target analyte list metals analyses (EPA CLP SOW ISM01.3 and Modified Analysis Reference 2253.1) were performed by A4 Scientific, The Woodlands, Texas. All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic and/or Manual Process (S4VEM).

The samples were numbered:

MJSXX2	MJSXX3	MJSXX4	MJSXX5	MJSXX6	MJSXX7
MJSXX8	MJSXX9	MJSXY0	MJSXY1	MJSXY2	MJSXY5
MJSXY6	MJSXY7	MJSXY8	MJSXY9	MJSXZ3	MJSXZ4
MJSXZ5					

No discrepancies were noted.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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OFFICE OF
ENVIRONMENTAL ASSESSMENT

June 26, 2013

MEMORANDUM

SUBJECT: Data Validation Report for Metals Analysis of Samples Collected for the West Salem Preliminary Assessments, Case 43548, SDG: MJSXX2

FROM: Don Matheny, Chemist DM
Environmental Services Unit, OEA

TO: Joanne LaBaw, Site Assessment Manager

CC: Renee Nordeen, Ecology & Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of nineteen (19) soil samples, collected from the above referenced site, has been completed. These samples were analyzed for metals by A4 Scientific located in the Woodlands, TX.

Sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic/Manual Process (S4VEM). The validation was conducted according to the Quality Control Specifications outlined in:

- QAPP for West Salem Preliminary Assessments, Various Locations, E&E, Inc., (May, 2013)
- USEPA CLP Statement of Work for Inorganic Analyses (ISM01.3)
- Modified Analysis Reference No. 2253.1
- National Functional Guidelines for Inorganic Superfund Data Review (EPA-540-R-10-011)
- Guidance for Labeling Externally Validated Laboratory Analytical Data (EPA-540-R08-005)

Some data may be qualified using the reviewer's professional judgment. The conclusions presented herein are based on the information provided for the review.

A summary of samples evaluated in this validation report and the pertinent dates for sample collection, sample receipt at the laboratory, extraction and analyses is attached along with the validated data.

I. QUALITY CONTROL RESULTS SUMMARY

Quality Control Test	Result Ranges	Outliers?	Evaluation Criteria
Blanks	Within criteria	Y*	Not Detected or <10% of Sample
Matrix Spike (MJSXX3)	76 - 114%	Y*	75 – 125%
Sample Duplicate (MJSXX3)	≤ 2%	N	≤ 20% RPD or ± CRQL
LCS (blank spike)	94 – 119%	N	70 - 130%; Ag, Sb 50-150%
Serial Dilution (MJSXX3)	> 10%	Y*	≤ 10% Difference

*See the "*Data Qualifications*" section below for excursions and qualification of affected data.

II. DATA QUALIFICATIONS

Summary of Validation Qualifiers Applied

After the manual and electronic data review, the following data qualifications were applied:

Blanks
The following samples have analyte results ≥ MDLs but ≤ CRQLs. The associated instrument and/or preparation blank results are ≥ MDLs but ≤ CRQLs. Detected analytes are qualified U. Non-detected analytes are not qualified. Sample results are reported at CRQLs.
Arsenic - MJSXX2, MJSXX3, MJSXX5, MJSXX7, MJSXX9, MJSXY1, MJSXY2, MJSXY5, MJSXY7, MJSXY8, MJSXY9, MJSXZ3, MJSXZ4, MJSXZ5 **Beryllium** – All samples **Cadmium** - MJSXY6, MJSXY7, MJSXY8, MJSXY9, MJSXZ3, MJSXZ4, MJSXZ5 **Chromium** - MJSXZ5 **Mercury** – All samples **Molybdenum** - MJSXX2 - MJSXY2, MJSXY5 - MJSXY9 **Selenium** - MJSXY7, MJSXY8, MJSXY9, MJSXZ3, MJSXZ4, MJSXZ5 **Silver** - MJSXX3 - MJSXY2, MJSXY5, MJSXY7, MJSXY8, MJSXZ3, MJSXZ4, MJSXZ5 **Thallium** - MJSXX4, MJSXX5, MJSXX8, MJSXY0, MJSXY8, MJSXZ3, MJSXZ4, MJSXZ5
Detection Limit
The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified JQ.
Cadmium - MJSXX2 - MJSXY2, MJSXY5 **Magnesium** - MJSXZ5 **Potassium** - MJSXZ5 **Selenium** - MJSXX3 - MJSXX8, MJSXY1, MJSXY2, MJSXY6 **Sodium** - MJSXX2 - MJSXX7, MJSXX9 - MJSXY2, MJSXY5 - MJSXY9, MJSXZ3, MJSXZ4, MJSXZ5
Matrix Spike
The following Matrix Spike samples have percent recoveries in the range of 30-74% and post-digestion spike samples have percent recoveries ≥ 75%. Detected analytes with results greater than or equal to MDLs are qualified JL. Non-detected analytes are qualified UJL.
Chromium, Cobalt, Nickel, Vanadium – All samples
Serial Dilution
The following ICP-MS and ICP-AES Serial Dilution samples have percent difference (%D) > 10% and initial sample results are > 50xMDLs. The detected analytes in samples with results ≥ MDLs are qualified JL. Non-detected analytes in samples are qualified UJL.
Aluminum, Barium, Calcium, Chromium, Cobalt, Iron, Lead, Manganese, Nickel, Vanadium, Zinc – All samples **Magnesium** – MJSXX2 - MJSXX7, MJSXX9, MJSXY0, MJSXY1, MJSXY2 - MJSXY9, MJSXZ3, MJSXZ4

Data Qualifiers

The following is a list of validation qualifiers applied to the sample result(s) when needed to indicate associated out-of-control QA/QC results.

Data Qualifiers	
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
J	The associated value is an estimated quantity.
UJ	The analyte was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The data are unusable. The analyte may or may not be present in the sample.
Project Specific Data Qualifiers	
L	Low bias.
H	High bias.
K	Unknown Bias.
Q	Detected concentration is below the MRL / CRQL but is above the MDL.

III. SAMPLE INDEX

Sample ID	Matrix	Sample Date	Date Received	ICP-AES Analysis	ICP-MS Analysis	Mercury Analysis
MJSXX2	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXX3	Soil	6/12/2013	6/18/2013	6/24/2013	6/20/2013	6/20/2013
MJSXX4	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXX5	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXX6	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXX7	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXX8	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXX9	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY0	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY1	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY2	Soil	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY5	Soil	6/13/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY6	Soil	6/13/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY7	Soil	6/13/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY8	Soil	6/13/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXY9	Soil	6/13/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXZ3	Soil	6/14/2013	6/18/2013	6/19-24/2013	6/20/2013	6/20/2013
MJSXZ4	Soil	6/14/2013	6/18/2013	6/19-24/2013	6/20/2013	6/20/2013
MJSXZ5	Soil	6/14/2013	6/18/2013	6/19-24/2013	6/20/2013	6/20/2013

Sample Summary Report

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	LCS40	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	42.0	mg/kg	1			Yes	S4VEM
Calcium	1100	mg/kg	1			Yes	S4VEM
Iron	21.8	mg/kg	1			Yes	S4VEM
Magnesium	1080	mg/kg	1			Yes	S4VEM
Potassium	1050	mg/kg	1			Yes	S4VEM
Sodium	1070	mg/kg	1			Yes	S4VEM
Molybdenum	2.4	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: LCS44	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	2.0	mg/kg	1			Yes	S4VEM
Arsenic	0.97	mg/kg	1			Yes	S4VEM
Barium	10.0	mg/kg	1			Yes	S4VEM
Beryllium	1.1	mg/kg	1			Yes	S4VEM
Cadmium	1.0	mg/kg	1			Yes	S4VEM
Chromium	2.1	mg/kg	1			Yes	S4VEM
Cobalt	1.0	mg/kg	1			Yes	S4VEM
Copper	2.1	mg/kg	1			Yes	S4VEM
Lead	0.97	mg/kg	1			Yes	S4VEM
Manganese	1.1	mg/kg	1			Yes	S4VEM
Nickel	1.1	mg/kg	1			Yes	S4VEM
Selenium	4.9	mg/kg	1			Yes	S4VEM
Silver	1.1	mg/kg	1			Yes	S4VEM
Thallium	0.94	mg/kg	1			Yes	S4VEM
Vanadium	5.1	mg/kg	1			Yes	S4VEM
Zinc	2.1	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX2	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP01SS	pH:	Sample Date: 06/12/2013	Sample Time: 09:50:00
% Moisture :		% Solids : 85.40009	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.9	mg/kg	5	JD	U	Yes	S4VEM
Barium	105	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.9	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.37	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	7.9	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	7.2	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	11.9	mg/kg	5	D		Yes	S4VEM
Lead	4.1	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	277	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	13.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	14.4	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.9	mg/kg	5	UD	U	Yes	S4VEM
Thallium	2.9	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	28.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	31.4	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX2	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SP01SS	pH:		Sample Date:	06/12/2013	Sample Time:	09:50:00
% Moisture :				% Solids :	85.40009		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXX2	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	SP01SS	pH:		Sample Date:	06/12/2013	Sample Time:	09:50:00
% Moisture :				% Solids :	85.40009		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	15000	mg/kg	1	E	JL	Yes	S4VEM
Calcium	19900	mg/kg	1	E	JL	Yes	S4VEM
Iron	21900	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	6170	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1620	mg/kg	1			Yes	S4VEM
Sodium	489	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.2	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SP02SS	pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	114	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.44	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	9.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	7.2	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	14.2	mg/kg	5	D		Yes	S4VEM
Lead	5.9	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	267	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	12.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.77	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	29.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	35.1	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SP02SS	pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	SP02SS	pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	13500	mg/kg	1	E	JL	Yes	S4VEM
Calcium	6010	mg/kg	1	E	JL	Yes	S4VEM
Iron	24100	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4190	mg/kg	1	E	JL	Yes	S4VEM
Potassium	973	mg/kg	1			Yes	S4VEM
Sodium	439	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3A	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Chromium	14.3	mg/kg	5	D		Yes	S4VEM
Cobalt	20.6	mg/kg	5	D		Yes	S4VEM
Nickel	25.8	mg/kg	5	D		Yes	S4VEM
Vanadium	41.2	mg/kg	5	D		Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3D	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	113	mg/kg	5	D		Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.53	mg/kg	5	JD	J	Yes	S4VEM
Chromium	9.6	mg/kg	5	D		Yes	S4VEM
Cobalt	7.1	mg/kg	5	D		Yes	S4VEM
Copper	13.9	mg/kg	5	D		Yes	S4VEM
Lead	5.8	mg/kg	5	D		Yes	S4VEM
Manganese	262	mg/kg	5	D		Yes	S4VEM
Nickel	12.4	mg/kg	5	D		Yes	S4VEM
Selenium	14.2	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	28.9	mg/kg	5	D		Yes	S4VEM
Zinc	34.3	mg/kg	5	D		Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3D	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXX3D	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	13800	mg/kg	1			Yes	S4VEM
Calcium	6130	mg/kg	1			Yes	S4VEM
Iron	24500	mg/kg	1			Yes	S4VEM
Magnesium	4140	mg/kg	1			Yes	S4VEM
Potassium	895	mg/kg	1			Yes	S4VEM
Sodium	433	mg/kg	1	J	J	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX3S	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date: 06/12/2013	Sample Time: 10:25:00
% Moisture :		% Solids : 87.89184	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	11.6	mg/kg	5	D		Yes	S4VEM
Arsenic	5.7	mg/kg	5	D		Yes	S4VEM
Barium	373	mg/kg	5	D		Yes	S4VEM
Beryllium	6.6	mg/kg	5	D		Yes	S4VEM
Cadmium	6.4	mg/kg	5	D		Yes	S4VEM
Chromium	24.6	mg/kg	5	D,N		Yes	S4VEM
Cobalt	47.9	mg/kg	5	D,N		Yes	S4VEM
Copper	35.9	mg/kg	5	D		Yes	S4VEM
Lead	8.1	mg/kg	5	D		Yes	S4VEM
Manganese	304	mg/kg	5	D		Yes	S4VEM
Nickel	54.3	mg/kg	5	D,N		Yes	S4VEM
Selenium	10.9	mg/kg	5	JD	J	Yes	S4VEM
Silver	6.2	mg/kg	5	D		Yes	S4VEM
Thallium	5.5	mg/kg	5	D		Yes	S4VEM
Vanadium	68.8	mg/kg	5	D,N		Yes	S4VEM
Zinc	78.4	mg/kg	5	D		Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3S	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Molybdenum	11.5	mg/kg	1			Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX3S	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/12/2013	Sample Time:	10:25:00
% Moisture :				% Solids :	87.89184		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.66	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX4	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP03SS	pH:	Sample Date: 06/12/2013	Sample Time: 11:00:00
% Moisture :		% Solids : 89.61019	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.5	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.0	mg/kg	5	D		Yes	S4VEM
Barium	122	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.50	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	8.4	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	8.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	11.6	mg/kg	5	D		Yes	S4VEM
Lead	5.1	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	351	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	14.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.67	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.7	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	31.4	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	31.6	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXX4	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SP03SS	pH:		Sample Date:	06/12/2013	Sample Time:	11:00:00
% Moisture :				% Solids :	89.61019		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX4	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: SP03SS	pH:	Sample Date: 06/12/2013	Sample Time: 11:00:00
% Moisture :		% Solids : 89.61019	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	13800	mg/kg	1	E	JL	Yes	S4VEM
Calcium	9200	mg/kg	1	E	JL	Yes	S4VEM
Iron	24500	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	5110	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1330	mg/kg	1			Yes	S4VEM
Sodium	477	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX5	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	SP04SS	pH:		Sample Date:	06/12/2013	Sample Time:	11:30:00
% Moisture :				% Solids :	89.25458		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	14200	mg/kg	1	E	JL	Yes	S4VEM
Calcium	24400	mg/kg	1	E	JL	Yes	S4VEM
Iron	23300	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	8710	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1550	mg/kg	1			Yes	S4VEM
Sodium	448	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX5	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: SP04SS	pH:	Sample Date: 06/12/2013	Sample Time: 11:30:00
% Moisture :		% Solids : 89.25458	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.4	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.7	mg/kg	5	JD	U	Yes	S4VEM
Barium	120	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.50	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	8.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	8.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	11.7	mg/kg	5	D		Yes	S4VEM
Lead	131	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	309	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	14.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.63	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.7	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	27.9	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	35.2	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX5	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SP04SS	pH:		Sample Date:	06/12/2013	Sample Time:	11:30:00
% Moisture :				% Solids :	89.25458		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX6	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	WM01SS	pH:		Sample Date:	06/12/2013	Sample Time:	14:55:00
% Moisture :				% Solids :	89.25729		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	13000	mg/kg	1	E	JL	Yes	S4VEM
Calcium	11900	mg/kg	1	E	JL	Yes	S4VEM
Iron	22600	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	5270	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1080	mg/kg	1			Yes	S4VEM
Sodium	376	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX6	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM01SS	pH:		Sample Date:	06/12/2013	Sample Time:	14:55:00
% Moisture :				% Solids :	89.25729		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX6	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM01SS	pH:	Sample Date: 06/12/2013	Sample Time: 14:55:00
% Moisture :		% Solids : 89.25729	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.5	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	D		Yes	S4VEM
Barium	117	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.54	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	9.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	7.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	12.2	mg/kg	5	D		Yes	S4VEM
Lead	5.1	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	269	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	12.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.67	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.7	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.7	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	29.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	81.2	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX7	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM02SS	pH:	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture :		% Solids : 94.78051	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.2	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.6	mg/kg	5	JD	U	Yes	S4VEM
Barium	105	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.6	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.52	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	9.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	7.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	12.7	mg/kg	5	D		Yes	S4VEM
Lead	4.9	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	253	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	12.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.58	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.6	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.6	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	29.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	30.2	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX7	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WM02SS	pH:	Sample Date: 06/12/2013	Sample Time: 15:20:00
% Moisture :		% Solids : 94.78051	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	12800	mg/kg	1	E	JL	Yes	S4VEM
Calcium	13000	mg/kg	1	E	JL	Yes	S4VEM
Iron	24500	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4790	mg/kg	1	E	JL	Yes	S4VEM
Potassium	776	mg/kg	1			Yes	S4VEM
Sodium	349	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.0	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXX7	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM02SS	pH:		Sample Date:	06/12/2013	Sample Time:	15:20:00
% Moisture :				% Solids :	94.78051		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX8	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WM03SS	pH:	Sample Date: 06/12/2013	Sample Time: 15:50:00
% Moisture :		% Solids : 90.84723	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	15700	mg/kg	1	E	JL	Yes	S4VEM
Calcium	24500	mg/kg	1	E	JL	Yes	S4VEM
Iron	21200	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	9090	mg/kg	1	E	JL	Yes	S4VEM
Potassium	2360	mg/kg	1			Yes	S4VEM
Sodium	545	mg/kg	1			Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX8	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM03SS	pH:	Sample Date: 06/12/2013	Sample Time: 15:50:00
% Moisture :		% Solids : 90.84723	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX8	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM03SS	pH:	Sample Date: 06/12/2013	Sample Time: 15:50:00
% Moisture :		% Solids : 90.84723	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.4	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.2	mg/kg	5	D		Yes	S4VEM
Barium	122	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.45	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	9.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	6.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	10.5	mg/kg	5	D		Yes	S4VEM
Lead	6.8	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	272	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	12.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.61	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.7	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	25.2	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	36.0	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX9	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WM04SS	pH:	Sample Date: 06/12/2013	Sample Time: 17:35:00
% Moisture :		% Solids : 94.58104	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	12600	mg/kg	1	E	JL	Yes	S4VEM
Calcium	10700	mg/kg	1	E	JL	Yes	S4VEM
Iron	23200	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	5170	mg/kg	1	E	JL	Yes	S4VEM
Potassium	887	mg/kg	1			Yes	S4VEM
Sodium	420	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.0	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXX9	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM04SS	pH:		Sample Date:	06/12/2013	Sample Time:	17:35:00
% Moisture :				% Solids :	94.58104		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXX9	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM04SS	pH:	Sample Date: 06/12/2013	Sample Time: 17:35:00
% Moisture :		% Solids : 94.58104	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.2	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.6	mg/kg	5	JD	U	Yes	S4VEM
Barium	113	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.6	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.46	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	7.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	7.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	12.0	mg/kg	5	D		Yes	S4VEM
Lead	3.8	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	268	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	13.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	13.0	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.6	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.6	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	26.2	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	31.2	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY0	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WM05SS	pH:	Sample Date: 06/12/2013	Sample Time: 18:00:00
% Moisture :		% Solids : 85.83992	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	14400	mg/kg	1	E	JL	Yes	S4VEM
Calcium	9430	mg/kg	1	E	JL	Yes	S4VEM
Iron	23300	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4930	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1350	mg/kg	1			Yes	S4VEM
Sodium	504	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXY0	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM05SS	pH:		Sample Date:	06/12/2013	Sample Time:	18:00:00
% Moisture :				% Solids :	85.83992		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY0	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM05SS	pH:	Sample Date: 06/12/2013	Sample Time: 18:00:00
% Moisture :		% Solids : 85.83992	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	D	U	Yes	S4VEM
Barium	137	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.60	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	10.4	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	8.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	14.7	mg/kg	5	D		Yes	S4VEM
Lead	5.4	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	326	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	13.9	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	14.1	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	32.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	38.3	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY1	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM06SS	pH:	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture :		% Solids : 88.36493	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.5	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	140	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.62	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	9.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	7.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	16.2	mg/kg	5	D		Yes	S4VEM
Lead	14.7	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	310	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	12.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.69	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	31.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	40.1	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY1	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM06SS	pH:	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture :		% Solids : 88.36493	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY1	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WM06SS	pH:	Sample Date: 06/12/2013	Sample Time: 18:45:00
% Moisture :		% Solids : 88.36493	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	15600	mg/kg	1	E	JL	Yes	S4VEM
Calcium	5590	mg/kg	1	E	JL	Yes	S4VEM
Iron	23000	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	3820	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1110	mg/kg	1			Yes	S4VEM
Sodium	421	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXY2	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	WM07SS	pH:		Sample Date:	06/12/2013	Sample Time:	19:14:00
% Moisture :				% Solids :	92.22403		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	15300	mg/kg	1	E	JL	Yes	S4VEM
Calcium	4950	mg/kg	1	E	JL	Yes	S4VEM
Iron	26300	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4560	mg/kg	1	E	JL	Yes	S4VEM
Potassium	978	mg/kg	1			Yes	S4VEM
Sodium	338	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY2	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WM07SS	pH:	Sample Date: 06/12/2013	Sample Time: 19:14:00
% Moisture :		% Solids : 92.22403	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.4	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.7	mg/kg	5	JD	U	Yes	S4VEM
Barium	123	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.7	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.58	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	8.9	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	8.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	15.1	mg/kg	5	D		Yes	S4VEM
Lead	27.8	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	345	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	13.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	0.61	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	2.7	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.7	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	29.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	41.8	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXY2	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM07SS	pH:		Sample Date:	06/12/2013	Sample Time:	19:14:00
% Moisture :				% Solids :	92.22403		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXY5	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH01SS	pH:		Sample Date:	06/13/2013	Sample Time:	13:35:00
% Moisture :				% Solids :	87.46244		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY5	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SS	pH:	Sample Date: 06/13/2013	Sample Time: 13:35:00
% Moisture :		% Solids : 87.46244	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.6	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	109	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	0.45	mg/kg	5	JD	JQ	Yes	S4VEM
Chromium	8.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	7.2	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	13.1	mg/kg	5	D		Yes	S4VEM
Lead	4.0	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	280	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	11.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	14.0	mg/kg	5	UD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	30.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	30.1	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXY5	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	OH01SS	pH:		Sample Date:	06/13/2013	Sample Time:	13:35:00
% Moisture :				% Solids :	87.46244		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	13600	mg/kg	1	E	JL	Yes	S4VEM
Calcium	11600	mg/kg	1	E	JL	Yes	S4VEM
Iron	26300	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	4850	mg/kg	1	E	JL	Yes	S4VEM
Potassium	684	mg/kg	1			Yes	S4VEM
Sodium	468	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY6	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: OH02SS	pH:	Sample Date: 06/13/2013	Sample Time: 14:10:00
% Moisture :		% Solids : 70.63267	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	13400	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2260	mg/kg	1	E	JL	Yes	S4VEM
Iron	28100	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	2600	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1250	mg/kg	1			Yes	S4VEM
Sodium	112	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.4	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY6	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SS	pH:	Sample Date: 06/13/2013	Sample Time: 14:10:00
% Moisture :		% Solids : 70.63267	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	13.9	mg/kg	10	UD	U	Yes	S4VEM
Arsenic	4.2	mg/kg	5	D		Yes	S4VEM
Barium	215	mg/kg	10	D,E	JL	Yes	S4VEM
Beryllium	3.5	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	6.9	mg/kg	10	JD	U	Yes	S4VEM
Chromium	13.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	17.4	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	12.0	mg/kg	5	D		Yes	S4VEM
Lead	17.5	mg/kg	10	D,E	JL	Yes	S4VEM
Manganese	916	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	8.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	1.2	mg/kg	5	JD	JQ	Yes	S4VEM
Silver	6.9	mg/kg	10	UD	U	Yes	S4VEM
Thallium	6.9	mg/kg	10	UD	U	Yes	S4VEM
Vanadium	66.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	49.7	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY6	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SS	pH:	Sample Date: 06/13/2013	Sample Time: 14:10:00
% Moisture :		% Solids : 70.63267	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.14	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY7	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SS	pH:	Sample Date: 06/13/2013	Sample Time: 14:45:00
% Moisture :		% Solids : 87.50388	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	119	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Chromium	8.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	9.2	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	12.5	mg/kg	5	D		Yes	S4VEM
Lead	21.9	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	384	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	7.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	14.1	mg/kg	5	JD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	48.4	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	36.8	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXY7	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH03SS	pH:		Sample Date:	06/13/2013	Sample Time:	14:45:00
% Moisture :				% Solids :	87.50388		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXY7	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	OH03SS	pH:		Sample Date:	06/13/2013	Sample Time:	14:45:00
% Moisture :				% Solids :	87.50388		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	12000	mg/kg	1	E	JL	Yes	S4VEM
Calcium	3750	mg/kg	1	E	JL	Yes	S4VEM
Iron	32700	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	1810	mg/kg	1	E	JL	Yes	S4VEM
Potassium	937	mg/kg	1			Yes	S4VEM
Sodium	172	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY8	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: OH04SS	pH:	Sample Date: 06/13/2013	Sample Time: 15:50:00
% Moisture :		% Solids : 78.23405	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	14700	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2670	mg/kg	1	E	JL	Yes	S4VEM
Iron	35000	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	2740	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1640	mg/kg	1			Yes	S4VEM
Sodium	106	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.3	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY8	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH04SS	pH:	Sample Date: 06/13/2013	Sample Time: 15:50:00
% Moisture :		% Solids : 78.23405	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	6.2	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.1	mg/kg	5	JD	U	Yes	S4VEM
Barium	206	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	3.1	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	3.1	mg/kg	5	JD	U	Yes	S4VEM
Chromium	10.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	12.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	11.6	mg/kg	5	D		Yes	S4VEM
Lead	18.0	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	850	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	7.9	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	15.5	mg/kg	5	JD	U	Yes	S4VEM
Silver	3.1	mg/kg	5	JD	U	Yes	S4VEM
Thallium	3.1	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	57.9	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	52.2	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXY8	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH04SS	pH:		Sample Date:	06/13/2013	Sample Time:	15:50:00
% Moisture :				% Solids :	78.23405		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.13	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXY9	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	OH05SS	pH:		Sample Date:	06/13/2013	Sample Time:	16:20:00
% Moisture :				% Solids :	80.59882		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	12800	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2500	mg/kg	1	E	JL	Yes	S4VEM
Iron	36100	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	1600	mg/kg	1	E	JL	Yes	S4VEM
Potassium	789	mg/kg	1			Yes	S4VEM
Sodium	73.5	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.2	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXY9	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH05SS	pH:	Sample Date: 06/13/2013	Sample Time: 16:20:00
% Moisture :		% Solids : 80.59882	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	12.2	mg/kg	10	UD	U	Yes	S4VEM
Arsenic	3.0	mg/kg	5	JD	U	Yes	S4VEM
Barium	206	mg/kg	10	D,E	JL	Yes	S4VEM
Beryllium	3.0	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	6.1	mg/kg	10	JD	U	Yes	S4VEM
Chromium	10.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	12.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	9.5	mg/kg	5	D		Yes	S4VEM
Lead	15.4	mg/kg	10	D,E	JL	Yes	S4VEM
Manganese	602	mg/kg	5	D,E	JL	Yes	S4VEM
Nickel	6.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	15.2	mg/kg	5	JD	U	Yes	S4VEM
Silver	6.1	mg/kg	10	UD	U	Yes	S4VEM
Thallium	6.1	mg/kg	10	UD	U	Yes	S4VEM
Vanadium	69.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	40.8	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXY9	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH05SS	pH:		Sample Date:	06/13/2013	Sample Time:	16:20:00
% Moisture :				% Solids :	80.59882		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.12	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXZ3	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: WH01SS	pH:	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture :		% Solids : 83.3649	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.9	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.9	mg/kg	5	JD	U	Yes	S4VEM
Barium	210	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.9	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	2.9	mg/kg	5	JD	U	Yes	S4VEM
Chromium	9.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	21.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	13.6	mg/kg	5	D		Yes	S4VEM
Lead	23.8	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	1160	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	5.0	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	14.7	mg/kg	5	JD	U	Yes	S4VEM
Silver	2.9	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.9	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	69.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	35.4	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXZ3	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WH01SS	pH:	Sample Date: 06/14/2013	Sample Time: 13:20:00
% Moisture :		% Solids : 83.3649	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	24200	mg/kg	1	E	JL	Yes	S4VEM
Calcium	1420	mg/kg	1	E	JL	Yes	S4VEM
Iron	83400	mg/kg	5	D,E	JL	Yes	S4VEM
Magnesium	1250	mg/kg	1	E	JL	Yes	S4VEM
Potassium	942	mg/kg	1			Yes	S4VEM
Sodium	76.5	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.7	mg/kg	1			Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXZ3	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WH01SS	pH:		Sample Date:	06/14/2013	Sample Time:	13:20:00
% Moisture :				% Solids :	83.3649		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.12	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXZ4	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WH02SS	pH:		Sample Date:	06/14/2013	Sample Time:	14:00:00
% Moisture :				% Solids :	85.89411		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	193	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Chromium	8.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	19.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	16.2	mg/kg	5	D		Yes	S4VEM
Lead	24.8	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	1120	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	5.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	14.1	mg/kg	5	JD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	67.6	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	55.9	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXZ4	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WH02SS	pH:		Sample Date:	06/14/2013	Sample Time:	14:00:00
% Moisture :				% Solids :	85.89411		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: MJSXZ4	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: WH02SS	pH:	Sample Date: 06/14/2013	Sample Time: 14:00:00
% Moisture :		% Solids : 85.89411	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	23100	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2010	mg/kg	1	E	JL	Yes	S4VEM
Iron	89300	mg/kg	5	D,E	JL	Yes	S4VEM
Magnesium	1130	mg/kg	1	E	JL	Yes	S4VEM
Potassium	1260	mg/kg	1			Yes	S4VEM
Sodium	70.2	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.9	mg/kg	1			Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXZ5	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	WH03SS	pH:		Sample Date:	06/14/2013	Sample Time:	14:15:00
% Moisture :				% Solids :	86.75792		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	24600	mg/kg	1	E	JL	Yes	S4VEM
Calcium	730	mg/kg	1	E	JL	Yes	S4VEM
Iron	115000	mg/kg	5	D,E	JL	Yes	S4VEM
Magnesium	495	mg/kg	1	JE	JL	Yes	S4VEM
Potassium	295	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	55.5	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	2.1	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4

Sample Number:	MJSXZ5	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WH03SS	pH:		Sample Date:	06/14/2013	Sample Time:	14:15:00
% Moisture :				% Solids :	86.75792		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	5.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	2.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	120	mg/kg	5	D,E	JL	Yes	S4VEM
Beryllium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Chromium	5.7	mg/kg	5	JD,N,E	UJL	Yes	S4VEM
Cobalt	18.5	mg/kg	5	D,N,E	JL	Yes	S4VEM
Copper	7.2	mg/kg	5	D		Yes	S4VEM
Lead	12.4	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	726	mg/kg	10	D,E	JL	Yes	S4VEM
Nickel	2.9	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	14.1	mg/kg	5	JD	U	Yes	S4VEM
Silver	2.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	2.8	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	68.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	27.8	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	MJSXZ5	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WH03SS	pH:		Sample Date:	06/14/2013	Sample Time:	14:15:00
% Moisture :				% Solids :	86.75792		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.11	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: PBS40	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	20.0	mg/kg	1	U	U	Yes	S4VEM
Calcium	500	mg/kg	1	U	U	Yes	S4VEM
Iron	10.0	mg/kg	1	U	U	Yes	S4VEM
Magnesium	500	mg/kg	1	U	U	Yes	S4VEM
Potassium	500	mg/kg	1	U	U	Yes	S4VEM
Sodium	500	mg/kg	1	U	U	Yes	S4VEM
Molybdenum	1.0	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXX2	Lab Code: A4
Sample Number: PBS44	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	1.0	mg/kg	1	U	U	Yes	S4VEM
Arsenic	0.50	mg/kg	1	U	U	Yes	S4VEM
Barium	5.0	mg/kg	1	U	U	Yes	S4VEM
Beryllium	0.50	mg/kg	1	U	U	Yes	S4VEM
Cadmium	0.50	mg/kg	1	U	U	Yes	S4VEM
Chromium	1.0	mg/kg	1	U	U	Yes	S4VEM
Cobalt	0.50	mg/kg	1	U	U	Yes	S4VEM
Copper	1.0	mg/kg	1	U	U	Yes	S4VEM
Lead	0.50	mg/kg	1	U	U	Yes	S4VEM
Manganese	0.50	mg/kg	1	U	U	Yes	S4VEM
Nickel	0.50	mg/kg	1	U	U	Yes	S4VEM
Selenium	2.5	mg/kg	1	U	U	Yes	S4VEM
Silver	0.50	mg/kg	1	U	U	Yes	S4VEM
Thallium	0.50	mg/kg	1	U	U	Yes	S4VEM
Vanadium	2.5	mg/kg	1	U	U	Yes	S4VEM
Zinc	1.0	mg/kg	1	U	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXX2	Lab Code:	A4
Sample Number:	PBS50	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	U	U	Yes	S4VEM

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MEMORANDUM

DATE: June 28, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Inorganic Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 4 soil/sediment samples collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Target analyte list metals analyses (EPA CLP SOW ISM01.3 and Modified Analysis Reference 2253.1) were performed by A4 Scientific, The Woodlands, Texas. All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic and/or Manual Process (S4VEM).

The samples were numbered:

MJSXY3 MJSXZ0 MJSXZ1 MJSXZ2

No discrepancies were noted.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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OFFICE OF
ENVIRONMENTAL ASSESSMENT

June 27, 2013

MEMORANDUM

SUBJECT: Data Validation Report for Metals Analysis of Samples Collected for the West Salem Preliminary Assessments, Case 43548, SDG: MJSXY3

FROM: Don Matheny, Chemist DM
Environmental Services Unit, OEA

TO: Joanne LaBaw, Site Assessment Manager

CC: Renee Nordeen, Ecology & Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of four (4) sediment samples, collected from the above referenced site, has been completed. These samples were analyzed for metals by A4 Scientific located in the Woodlands, TX.

Sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic/Manual Process (S4VEM). The validation was conducted according to the Quality Control Specifications outlined in:

- QAPP for West Salem Preliminary Assessments, Various Locations, E&E, Inc., (May, 2013)
- USEPA CLP Statement of Work for Inorganic Analyses (ISM01.3)
- Modified Analysis Reference No. 2253.1
- National Functional Guidelines for Inorganic Superfund Data Review (EPA-540-R-10-011)
- Guidance for Labeling Externally Validated Laboratory Analytical Data (EPA-540-R08-005)

Some data may be qualified using the reviewer's professional judgment. The conclusions presented herein are based on the information provided for the review.

A summary of samples evaluated in this validation report and the pertinent dates for sample collection, sample receipt at the laboratory, extraction and analyses is attached along with the validated data.

I. QUALITY CONTROL RESULTS SUMMARY

Quality Control Test	Result Ranges	Outliers?	Evaluation Criteria
Blanks	Within criteria	Y*	Not Detected or <10% of Sample
Matrix Spike (MJSXZ2)	75 - 124%	Y*	75 – 125%
Sample Duplicate (MJSXZ2)	≤ 6%	N	≤ 20% RPD or ± CRQL
LCS (blank spike)	94 – 113%	N	70 - 130%; Ag, Sb 50-150%
Serial Dilution (MJSXZ2)	> 10%	Y*	≤ 10% Difference

*See the "*Data Qualifications*" section below for excursions and qualification of affected data.

II. DATA QUALIFICATIONS

Summary of Validation Qualifiers Applied

After the manual and electronic data review, the following data qualifications were applied:

Blanks
The following samples have analyte results ≥ MDLs but ≤ CRQLs. The associated instrument and/or preparation blank results are ≥ MDLs but ≤ CRQLs. Detected analytes are qualified U. Non-detected analytes are not qualified. Sample results are reported at CRQLs.
Arsenic - MJSXZ2 , MJSXY3 , MJSXZ0 **Molybdenum** - MJSXZ0, MJSXZ1, MJSXY3 **Thallium** - MJSXZ2, MJSXZ1 **Beryllium, Cadmium, Mercury, Selenium, Silver** – All samples
Detection Limit
The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified JQ.
Potassium, Sodium - All samples
Matrix Spike
The following Matrix Spike samples have percent recoveries in the range of 30-74% and post-digestion spike samples have percent recoveries ≥ 75%. Detected analytes with results ≥ MDLs are qualified JL.
Nickel – All samples
The following Matrix Spike samples have percent recoveries in the range of 30-74% and post-digestion spike samples have percent recoveries < 75%. Detected analytes with results ≥ MDLs are qualified JL.
Vanadium, Chromium – All samples
The following Matrix Spike samples have percent recoveries > 125% and post-digestion spike samples have percent recoveries ≤ 125%. Detected analytes with results ≥ MDLs are qualified J. Non-detected analytes are not qualified. **Barium** results were qualified JK due to a low bias associated with the Serial Dilution results.
Barium, Cadmium, Silver – All samples
Serial Dilution
The following ICP-MS and ICP-AES Serial Dilution samples have percent difference (%D) > 10% and initial sample results are > 50xMDLs. The detected analytes in samples with results ≥ MDLs are qualified JL. Non-detected analytes in samples are qualified UJL. **Barium** results were qualified JK due to a high bias associated with the Matrix Spike results.
Aluminum, Barium, Chromium, Cobalt, Iron, Lead, Nickel, Vanadium, Zinc – All samples

Data Qualifiers

The following is a list of validation qualifiers applied to the sample result(s) when needed to indicate associated out-of-control QA/QC results.

Data Qualifiers	
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
J	The associated value is an estimated quantity.
UJ	The analyte was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The data are unusable. The analyte may or may not be present in the sample.
Project Specific Data Qualifiers	
L	Low bias.
H	High bias.
K	Unknown Bias.
Q	Detected concentration is below the MRL / CRQL but is above the MDL.

III. SAMPLE INDEX

Sample ID	Matrix	Sample Date	Date Received	ICP-AES Analysis	ICP-MS Analysis	Mercury Analysis
MJSXY3	Sediment	6/12/2013	6/18/2013	6/19/2013	6/20/2013	6/20/2013
MJSXZ0	Sediment	6/13/2013	6/18/2013	6/19-24/2013	6/20/2013	6/20/2013
MJSXZ1	Sediment	6/13/2013	6/18/2013	6/19-24/2013	6/20/2013	6/20/2013
MJSXZ2	Sediment	6/13/2013	6/18/2013	6/19-24/2013	6/20/2013	6/20/2013

Sample Summary Report

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	LCS41	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	39.5	mg/kg	1			Yes	S4VEM
Calcium	1080	mg/kg	1			Yes	S4VEM
Iron	21.1	mg/kg	1			Yes	S4VEM
Magnesium	976	mg/kg	1			Yes	S4VEM
Potassium	960	mg/kg	1			Yes	S4VEM
Sodium	999	mg/kg	1			Yes	S4VEM
Molybdenum	2.3	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: LCS45	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	2.0	mg/kg	1			Yes	S4VEM
Arsenic	0.94	mg/kg	1			Yes	S4VEM
Barium	10.2	mg/kg	1			Yes	S4VEM
Beryllium	0.97	mg/kg	1			Yes	S4VEM
Cadmium	1.0	mg/kg	1			Yes	S4VEM
Chromium	2.0	mg/kg	1			Yes	S4VEM
Cobalt	1.0	mg/kg	1			Yes	S4VEM
Copper	2.0	mg/kg	1			Yes	S4VEM
Lead	0.96	mg/kg	1			Yes	S4VEM
Manganese	1.1	mg/kg	1			Yes	S4VEM
Nickel	1.0	mg/kg	1			Yes	S4VEM
Selenium	5.1	mg/kg	1			Yes	S4VEM
Silver	1.1	mg/kg	1			Yes	S4VEM
Thallium	0.94	mg/kg	1			Yes	S4VEM
Vanadium	5.0	mg/kg	1			Yes	S4VEM
Zinc	2.0	mg/kg	1			Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXY3	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	WM01SD	pH:		Sample Date:	06/12/2013	Sample Time:	18:17:00
% Moisture :				% Solids :	45.76639		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	17300	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2850	mg/kg	1			Yes	S4VEM
Iron	15500	mg/kg	1	E	JL	Yes	S4VEM
Magnesium	2400	mg/kg	1			Yes	S4VEM
Potassium	807	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	247	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	2.1	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4

Sample Number:	MJSXY3	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM01SD	pH:		Sample Date:	06/12/2013	Sample Time:	18:17:00
% Moisture :				% Solids :	45.76639		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	10.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	5.4	mg/kg	5	JD	U	Yes	S4VEM
Barium	288	mg/kg	5	D,N,E	JK	Yes	S4VEM
Beryllium	5.4	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	5.4	mg/kg	5	JD,N	U	Yes	S4VEM
Chromium	12.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	5.9	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	18.5	mg/kg	5	D		Yes	S4VEM
Lead	21.7	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	123	mg/kg	5	D		Yes	S4VEM
Nickel	9.4	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	26.8	mg/kg	5	JD	U	Yes	S4VEM
Silver	5.4	mg/kg	5	JD,N	U	Yes	S4VEM
Thallium	5.4	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	44.6	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	72.1	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXY3	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	WM01SD	pH:		Sample Date:	06/12/2013	Sample Time:	18:17:00
% Moisture :				% Solids :	45.76639		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.21	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXZ0	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH02SD	pH:		Sample Date:	06/13/2013	Sample Time:	17:30:00
% Moisture :				% Solids :	67.90867		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.14	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4

Sample Number:	MJSXZ0	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	OH02SD	pH:		Sample Date:	06/13/2013	Sample Time:	17:30:00
% Moisture :				% Solids :	67.90867		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	12600	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2870	mg/kg	1			Yes	S4VEM
Iron	74300	mg/kg	5	D,E	JL	Yes	S4VEM
Magnesium	2710	mg/kg	1			Yes	S4VEM
Potassium	461	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	216	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.4	mg/kg	1		U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: MJSXZ0	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH02SD	pH:	Sample Date: 06/13/2013	Sample Time: 17:30:00
% Moisture :		% Solids : 67.90867	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	7.1	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.6	mg/kg	5	JD	U	Yes	S4VEM
Barium	317	mg/kg	5	D,N,E	JK	Yes	S4VEM
Beryllium	3.6	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	3.6	mg/kg	5	JD,N	U	Yes	S4VEM
Chromium	15.4	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	23.9	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	14.1	mg/kg	5	D		Yes	S4VEM
Lead	13.8	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	2800	mg/kg	30	D		Yes	S4VEM
Nickel	9.7	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	17.9	mg/kg	5	JD	U	Yes	S4VEM
Silver	3.6	mg/kg	5	JD,N	U	Yes	S4VEM
Thallium	3.6	mg/kg	5	UD	U	Yes	S4VEM
Vanadium	97.3	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	262	mg/kg	5	D,E	JL	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXZ1	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH03SD	pH:		Sample Date:	06/13/2013	Sample Time:	17:45:00
% Moisture :				% Solids :	64.6979		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.15	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXZ1	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:	OH03SD	pH:		Sample Date:	06/13/2013	Sample Time:	17:45:00
% Moisture :				% Solids :	64.6979		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	12900	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2630	mg/kg	1			Yes	S4VEM
Iron	88000	mg/kg	5	D,E	JL	Yes	S4VEM
Magnesium	2080	mg/kg	1			Yes	S4VEM
Potassium	495	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	166	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	1.5	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: MJSXZ1	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH03SD	pH:	Sample Date: 06/13/2013	Sample Time: 17:45:00
% Moisture :		% Solids : 64.6979	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	7.5	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	4.7	mg/kg	5	D		Yes	S4VEM
Barium	301	mg/kg	5	D,N,E	JK	Yes	S4VEM
Beryllium	3.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	3.8	mg/kg	5	JD,N	U	Yes	S4VEM
Chromium	18.2	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	33.4	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	13.6	mg/kg	5	D		Yes	S4VEM
Lead	19.7	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	2790	mg/kg	30	D		Yes	S4VEM
Nickel	11.8	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	18.8	mg/kg	5	JD	U	Yes	S4VEM
Silver	3.8	mg/kg	5	JD,N	U	Yes	S4VEM
Thallium	3.8	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	128	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	184	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: MJSXZ2	Method: ICP_AES	Matrix: Soil	MA Number: 2253.1
Sample Location: OH01SD	pH:	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture :		% Solids : 65.27265	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	16200	mg/kg	1	E	JL	Yes	S4VEM
Calcium	2430	mg/kg	1			Yes	S4VEM
Iron	102000	mg/kg	5	D,E	JL	Yes	S4VEM
Magnesium	1790	mg/kg	1			Yes	S4VEM
Potassium	629	mg/kg	1	J	JQ	Yes	S4VEM
Sodium	186	mg/kg	1	J	JQ	Yes	S4VEM
Molybdenum	2.0	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4

Sample Number:	MJSXZ2	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	OH01SD	pH:		Sample Date:	06/13/2013	Sample Time:	17:00:00
% Moisture :				% Solids :	65.27265		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.15	mg/kg	1	J	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4

Sample Number: MJSXZ2	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location: OH01SD	pH:	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture :		% Solids : 65.27265	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	7.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	408	mg/kg	5	D,N,E	JK	Yes	S4VEM
Beryllium	3.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	3.8	mg/kg	5	JD,N	U	Yes	S4VEM
Chromium	16.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Cobalt	40.8	mg/kg	5	D,E	JL	Yes	S4VEM
Copper	12.5	mg/kg	5	D		Yes	S4VEM
Lead	18.5	mg/kg	5	D,E	JL	Yes	S4VEM
Manganese	7660	mg/kg	100	D		Yes	S4VEM
Nickel	9.1	mg/kg	5	D,N,E	JL	Yes	S4VEM
Selenium	19.2	mg/kg	5	JD	U	Yes	S4VEM
Silver	3.8	mg/kg	5	JD,N	U	Yes	S4VEM
Thallium	3.8	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	135	mg/kg	5	D,N,E	JL	Yes	S4VEM
Zinc	263	mg/kg	5	D,E	JL	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4

Sample Number:	MJSXZ2A	Method:	ICP_MS	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/13/2013	Sample Time:	17:00:00
% Moisture :				% Solids :	65.27265		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Barium	442	mg/kg	5	D		Yes	S4VEM
Cadmium	2.8	mg/kg	5	D		Yes	S4VEM
Chromium	17.4	mg/kg	5	D		Yes	S4VEM
Nickel	15.5	mg/kg	5	D		Yes	S4VEM
Silver	2.5	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	137	mg/kg	5	D		Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: MJSXZ2D	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture :		% Solids : 65.27265	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	7.7	mg/kg	5	UD	U	Yes	S4VEM
Arsenic	3.8	mg/kg	5	JD	U	Yes	S4VEM
Barium	386	mg/kg	5	D		Yes	S4VEM
Beryllium	3.8	mg/kg	5	JD	U	Yes	S4VEM
Cadmium	3.8	mg/kg	5	JD	U	Yes	S4VEM
Chromium	16.1	mg/kg	5	D		Yes	S4VEM
Cobalt	40.6	mg/kg	5	D		Yes	S4VEM
Copper	12.6	mg/kg	5	D		Yes	S4VEM
Lead	18.7	mg/kg	5	D		Yes	S4VEM
Manganese	7590	mg/kg	100	D		Yes	S4VEM
Nickel	9.1	mg/kg	5	D		Yes	S4VEM
Selenium	19.2	mg/kg	5	JD	U	Yes	S4VEM
Silver	3.8	mg/kg	5	JD	U	Yes	S4VEM
Thallium	3.8	mg/kg	5	JD	U	Yes	S4VEM
Vanadium	135	mg/kg	5	D		Yes	S4VEM
Zinc	264	mg/kg	5	D		Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXZ2D	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/13/2013	Sample Time:	17:00:00
% Moisture :				% Solids :	65.27265		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.15	mg/kg	1	J	U	Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXZ2D	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:	06/13/2013	Sample Time:	17:00:00
% Moisture :				% Solids :	65.27265		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	16000	mg/kg	1			Yes	S4VEM
Calcium	2440	mg/kg	1			Yes	S4VEM
Iron	99500	mg/kg	5	D		Yes	S4VEM
Magnesium	1750	mg/kg	1			Yes	S4VEM
Potassium	600	mg/kg	1	J	J	Yes	S4VEM
Sodium	175	mg/kg	1	J	J	Yes	S4VEM
Molybdenum	1.9	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4

Sample Number:	MJSXZ2S	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:	06/13/2013	Sample Time:	17:00:00
% Moisture :				% Solids :	65.27265		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Molybdenum	14.9	mg/kg	1			Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: MJSXZ2S	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date: 06/13/2013	Sample Time: 17:00:00
% Moisture :		% Solids : 65.27265	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	18.4	mg/kg	5	D		Yes	S4VEM
Arsenic	9.3	mg/kg	5	D		Yes	S4VEM
Barium	850	mg/kg	5	D,N		Yes	S4VEM
Beryllium	11.7	mg/kg	5	D		Yes	S4VEM
Cadmium	11.5	mg/kg	5	D,N		Yes	S4VEM
Chromium	32.4	mg/kg	5	D,N		Yes	S4VEM
Cobalt	98.0	mg/kg	5	D		Yes	S4VEM
Copper	41.7	mg/kg	5	D		Yes	S4VEM
Lead	24.8	mg/kg	5	D		Yes	S4VEM
Manganese	7120	mg/kg	100	D		Yes	S4VEM
Nickel	59.0	mg/kg	5	D,N		Yes	S4VEM
Selenium	19.2	mg/kg	5	JD	U	Yes	S4VEM
Silver	10.2	mg/kg	5	D,N		Yes	S4VEM
Thallium	9.4	mg/kg	5	D		Yes	S4VEM
Vanadium	183	mg/kg	5	D,N		Yes	S4VEM
Zinc	353	mg/kg	5	D		Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	MJSXZ2S	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	06/13/2013	Sample Time:	17:00:00
% Moisture :				% Solids :	65.27265		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.77	mg/kg	1			Yes	S4VEM

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY3	Lab Code:	A4
Sample Number:	PBS41	Method:	ICP_AES	Matrix:	Soil	MA Number:	2253.1
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	20.0	mg/kg	1	U	U	Yes	S4VEM
Calcium	500	mg/kg	1	U	U	Yes	S4VEM
Iron	10.0	mg/kg	1	U	U	Yes	S4VEM
Magnesium	500	mg/kg	1	U	U	Yes	S4VEM
Potassium	500	mg/kg	1	U	U	Yes	S4VEM
Sodium	500	mg/kg	1	U	U	Yes	S4VEM
Molybdenum	1.0	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: PBS45	Method: ICP_MS	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	1.0	mg/kg	1	U	U	Yes	S4VEM
Arsenic	0.50	mg/kg	1	U	U	Yes	S4VEM
Barium	5.0	mg/kg	1	U	U	Yes	S4VEM
Beryllium	0.50	mg/kg	1	U	U	Yes	S4VEM
Cadmium	0.50	mg/kg	1	U	U	Yes	S4VEM
Chromium	1.0	mg/kg	1	U	U	Yes	S4VEM
Cobalt	0.50	mg/kg	1	U	U	Yes	S4VEM
Copper	1.0	mg/kg	1	U	U	Yes	S4VEM
Lead	0.50	mg/kg	1	U	U	Yes	S4VEM
Manganese	0.50	mg/kg	1	U	U	Yes	S4VEM
Nickel	0.50	mg/kg	1	U	U	Yes	S4VEM
Selenium	2.5	mg/kg	1	U	U	Yes	S4VEM
Silver	0.50	mg/kg	1	U	U	Yes	S4VEM
Thallium	0.50	mg/kg	1	U	U	Yes	S4VEM
Vanadium	2.5	mg/kg	1	U	U	Yes	S4VEM
Zinc	1.0	mg/kg	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY3	Lab Code: A4
Sample Number: PBS51	Method: Hg	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	U	U	Yes	S4VEM

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Global Environmental Specialists
720 Third Avenue, Suite 1700, Seattle, WA 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

DATE: June 28, 2013

TO: Derek Pulvino, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington

SUBJ: **Inorganic Data Summary Check, West Salem Preliminary Assessments Site, Salem, Oregon**

REF: TDD: 13-04-0002 PAN: EE-002233-0850-01TTO

The data summary check of 1 water sample collected from the West Salem Preliminary Assessments site in Salem, Oregon, has been completed. Target analyte list metals analyses (EPA CLP SOW ISM01.3 and Modified Analysis Reference 2253.1) were performed by A4 Scientific, The Woodlands, Texas. All sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic and/or Manual Process (S4VEM).

The sample was numbered:

MJSXY4

No discrepancies were noted.

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

OFFICE OF
ENVIRONMENTAL ASSESSMENT

June 26, 2013

MEMORANDUM

SUBJECT: Data Validation Report for Metals Analysis of Samples Collected for the West Salem Preliminary Assessments, Case 43548, SDG: MJSXY4

FROM: Don Matheny, Chemist
Environmental Services Unit, OEA

TO: Joanne LaBaw, Site Assessment Manager

CC: Renee Nordeen, Ecology & Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of one (1) water sample (rinsate blank), collected in support of the above referenced assessment, has been completed. This sample was analyzed for metals by A4 Scientific located in the Woodlands, TX.

Sample analyses were evaluated following EPA's Stage 4 Data Validation Electronic/Manual Process (S4VEM). The validation was conducted according to the Quality Control Specifications outlined in:

- QAPP for West Salem Preliminary Assessments, Various Locations, E&E, Inc., (May, 2013)
- USEPA CLP Statement of Work for Inorganic Analyses (ISM01.3)
- Modified Analysis Reference No. 2253.1
- National Functional Guidelines for Inorganic Superfund Data Review (EPA-540-R-10-011)
- Guidance for Labeling Externally Validated Laboratory Analytical Data (EPA-540-R08-005)

Some data may be qualified using the reviewer's professional judgment. The conclusions presented herein are based on the information provided for the review.

A summary of samples evaluated in this validation report and the pertinent dates for sample collection, sample receipt at the laboratory, extraction and analyses is attached along with the validated data.

I. QUALITY CONTROL RESULTS SUMMARY

Quality Control Test	Result Ranges	Outliers?	Evaluation Criteria
Blanks	Within criteria	Y*	Not Detected or <10% of Sample
Matrix Spike	NA	N	75 – 125%
Sample Duplicate	NA	N	≤ 20% RPD or ± CRQL
LCS (blank spike)	86 – 124%	N	70 - 130%; Ag, Sb 50-150%
Serial Dilution	Sample < 50xMDL	N	≤ 10% Difference

*See the "*Data Qualifications*" section below for excursions and qualification of affected data.

II. DATA QUALIFICATIONS

Summary of Validation Qualifiers Applied

After the manual and electronic data review, the following data qualifications were applied:

Blanks
The following samples have analyte results ≥ MDLs but ≤ CRQLs. The associated instrument and/or preparation blank results are ≥ MDLs but ≤ CRQLs. Detected analytes are qualified U. Non-detected analytes are not qualified. Sample results are reported at CRQLs.
Aluminum, Antimony, Sodium – MJSXY4
Detection Limit
The following samples have results ≥ MDLs but < CRQLs. Detected analytes are qualified JQ.
Chromium, Magnesium – MJSXY4

Data Qualifiers

The following is a list of validation qualifiers applied to the sample result(s) when needed to indicate associated out-of-control QA/QC results.

Data Qualifiers	
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
J	The associated value is an estimated quantity.
UJ	The analyte was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The data are unusable. The analyte may or may not be present in the sample.
Project Specific Data Qualifiers	
L	Low bias.
H	High bias.
K	Unknown Bias.
Q	Detected concentration is below the MRL / CRQL but is above the MDL.

III. SAMPLE INDEX

Sample ID	Matrix	Sample Date	Date Received	ICP-AES Analysis	ICP-MS Analysis	Mercury Analysis
MJSXY4	Water	6/13/2013	6/18/2013	6/19/2013	6/19/2013	6/20/2013

Case No:	43548	Contract:	EPW09035	SDG No:	MJSXY4	Lab Code:	A4
Sample Number:	MJSXY4	Method:	ICP_AES	Matrix:	Water	MA Number:	2253.1
Sample Location:	RI01WT	pH:	1.5	Sample Date:	06/13/2013	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Molybdenum	10.0	ug/L	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY4	Lab Code: A4
Sample Number: MJSXY4	Method: Hg	Matrix: Water	MA Number: DEFAULT
Sample Location: RI01WT	pH: 1.5	Sample Date: 06/13/2013	Sample Time: 13:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.20	ug/L	1	U	U	Yes	S4VEM

Case No: 43548	Contract: EPW09035	SDG No: MJSXY4	Lab Code: A4

Sample Number:	MJSXY4	Method:	ICP_MS	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	RI01WT	pH:	1.5	Sample Date:	06/13/2013	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	20.0	ug/L	1	J	U	Yes	S4VEM
Antimony	2.0	ug/L	1	J	U	Yes	S4VEM
Arsenic	1.0	ug/L	1	U	U	Yes	S4VEM
Barium	10.0	ug/L	1	U	U	Yes	S4VEM
Beryllium	1.0	ug/L	1	U	U	Yes	S4VEM
Cadmium	1.0	ug/L	1	U	U	Yes	S4VEM
Calcium	500	ug/L	1	U	U	Yes	S4VEM
Chromium	0.11	ug/L	1	J	JQ	Yes	S4VEM
Cobalt	1.0	ug/L	1	U	U	Yes	S4VEM
Copper	2.0	ug/L	1	U	U	Yes	S4VEM
Iron	200	ug/L	1	U	U	Yes	S4VEM
Lead	1.0	ug/L	1	U	U	Yes	S4VEM
Magnesium	8.1	ug/L	1	J	JQ	Yes	S4VEM
Manganese	1.0	ug/L	1	U	U	Yes	S4VEM
Nickel	1.0	ug/L	1	U	U	Yes	S4VEM
Potassium	500	ug/L	1	U	U	Yes	S4VEM
Selenium	5.0	ug/L	1	U	U	Yes	S4VEM
Silver	1.0	ug/L	1	U	U	Yes	S4VEM
Sodium	500	ug/L	1	J	U	Yes	S4VEM
Thallium	1.0	ug/L	1	U	U	Yes	S4VEM
Vanadium	5.0	ug/L	1	U	U	Yes	S4VEM
Zinc	2.0	ug/L	1	U	U	Yes	S4VEM

JSXT7

USEPA CLP Organics COC (LAB COPY)
DateShipped: 6/12/2013
CarrierName: FedEx
AirbillNo: 8667 9131 0877

CHAIN OF CUSTODY RECORD
Project Code SFP-057A
Case #: 43548
Cooler #: EPW11035

No: 10-061213-140012-0001
Lab: Shealy Environmental
Lab Contact: Robert Zhu
Lab Phone: 803-791-9700

Organic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Inorganic Sample #	For Lab Use Only
JSXT7	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1017 (4 C), 1018 (4 C) (2)	13234001	06/10/2013 16:50	MJSXT7	OK
JSXT8	Sediment/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1023 (4 C), 1024 (4 C) (2)	13234006	06/10/2013 18:17	MJSXT8	
JSXT9	Soil Surface/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1028 (4 C), 1029 (4 C) (2)	13234022	06/11/2013 11:02	MJSXT9	
JSXW0	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1035 (4 C), 1036 (4 C) (2)	13234024	06/11/2013 14:20	MJSXW0	
JSXW1	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1042 (4 C), 1043 (4 C) (2)	13234026	06/11/2013 15:10	MJSXW1	
JSXW2	Soil Surface/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1047 (4 C), 1048 (4 C) (2)	13234027	06/11/2013 16:55	MJSXW2	
JSXW3	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1056 (4 C), 1057 (4 C) (2)	13234032	06/11/2013 12:55	MJSXW3	
JSXW4	Soil Surface/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1067 (4 C), 1068 (4 C) (2)	13234023	06/11/2013 13:35	MJSXW4	
JSXW5	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1072 (4 C), 1073 (4 C) (2)	13234025	06/11/2013 14:40	MJSXW5	
JSXW6	Soil Surface/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1075 (4 C), 1076 (4 C) (2)	13234028	06/11/2013 17:28	MJSXW6	
JSXW7	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1078 (4 C), 1079 (4 C) (2)	13234029	06/11/2013 18:58	MJSXW7	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: CLP ARO/PE=CLP TCL Pesticides/Aroclors, CLP SVOA=CLP TCL Semivolatiles- Low+SIM

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/12/13 2:40pm									
									[signature]	6/14/13	0940

SDG First sample JSXT7

T= 2.4

JSXT7

USEPA CLP Organics COC (LAB COPY)

DateShipped: 6/12/2013
CarrierName: FedEx
AirbillNo: 8667 9131 0877

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548
Cooler #: EPW11035

No: 10-061213-140012-0001

Lab: Shealy Environmental
Lab Contact: Robert Zhu
Lab Phone: 803-791-9700

Organic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Inorganic Sample #	For Lab Use Only
JSXW8	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1081 (4 C), 1082 (4 C) (2)	13234033	06/11/2013 16:25	MJSXW8	OK
JSXW9	Sediment/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1084 (4 C), 1085 (4 C) (2)	13234034	06/11/2013 17:45	MJSXW9	↓
JSXX0	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1087 (4 C), 1088 (4 C) (2)	13234035	06/11/2013 18:25	MJSXX0	↓
JSXX1	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1090 (4 C), 1091 (4 C) (2)	13234036	06/11/2013 18:40	MJSXX1	↓

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: CLP ARO/PE=CLP TCL Pesticides/Aroclors, CLP SVOA=CLP TCL Semivolatiles- Low+SIM

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/12/13 2:40pm									
									[signature]	6/14/13	0900

T=2.4°

JSXT7, JSXX7

USEPA CLP Organics COC (LAB COPY)

DateShipped: 6/13/2013
CarrierName: FedEx
AirbillNo: 8667 9131 0936

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548
Cooler #: EPW11035

No: 10-061313-140111-0004

Lab: Shealy Environmental
Lab Contact: Robert Zhu
Lab Phone: 803-791-9700

Organic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Inorganic Sample #	For Lab Use Only
JSXX2	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1103 (4 C), 1104 (4 C) (2)	13234018	06/12/2013 09:50	MJSXX2	OK
JSXX3	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1098 (4 C), 1099 (4 C) (2)	13234019	06/12/2013 10:25	MJSXX3	
JSXX4	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1106 (4 C), 1107 (4 C) (2)	13234020	06/12/2013 11:00	MJSXX4	
JSXX5	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1109 (4 C), 1110 (4 C) (2)	13234021	06/12/2013 11:30	MJSXX5	
JSXX6	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1114 (4 C), 1115 (4 C) (2)	13234008	06/12/2013 14:55	MJSXX6	
JSXX7	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1119 (4 C), 1120 (4 C) (2)	13234009	06/12/2013 15:20	MJSXX7	
JSXX8	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1122 (4 C), 1123 (4 C) (2)	13234010	06/12/2013 15:50	MJSXX8	
JSXX9	Soil Surface/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1127 (4 C), 1128 (4 C) (2)	13234011	06/12/2013 17:35	MJSXX9	
JSXY0	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1132 (4 C), 1133 (4 C) (2)	13234012	06/12/2013 18:00	MJSXY0	
JSXY1	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1135 (4 C), 1136 (4 C) (2)	13234013	06/12/2013 18:45	MJSXY1	
JSXY2	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1138 (4 C), 1139 (4 C) (2)	13234014	06/12/2013 19:14	MJSXY2	

Sample(s) to be used for Lab QC: JSXX3

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: CLP ARO/PE=CLP TCL Pesticides/Aroclors, CLP SVOA=CLP TCL Semivolatiles- Low+SIM

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/13/13 14:15									
									[signature]	6/14/13	0900

SDG Last sample JSXX6 (JSXT7)
SDG JSXX7 First sample : JSXX7

T= 3.5°

JSXT7, JSXX7

USEPA CLP Organics COC (LAB COPY)

DateShipped: 6/13/2013
CarrierName: FedEx
AirbillNo: 8667 9131 0936

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548
Cooler #: EPW11035

No: 10-061313-140111-0004

Lab: Shealy Environmental
Lab Contact: Robert Zhu
Lab Phone: 803-791-9700

Organic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Inorganic Sample #	For Lab Use Only
JSXX2	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1103 (4 C), 1104 (4 C) (2)	13234018	06/12/2013 09:50	MJSXX2	OK
JSXX3	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1098 (4 C), 1099 (4 C) (2)	13234019	06/12/2013 10:25	MJSXX3	
JSXX4	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1106 (4 C), 1107 (4 C) (2)	13234020	06/12/2013 11:00	MJSXX4	
JSXX5	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1109 (4 C), 1110 (4 C) (2)	13234021	06/12/2013 11:30	MJSXX5	
JSXX6	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1114 (4 C), 1115 (4 C) (2)	13234008	06/12/2013 14:55	MJSXX6	
JSXX7	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1119 (4 C), 1120 (4 C) (2)	13234009	06/12/2013 15:20	MJSXX7	
JSXX8	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1122 (4 C), 1123 (4 C) (2)	13234010	06/12/2013 15:50	MJSXX8	
JSXX9	Soil Surface/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1127 (4 C), 1128 (4 C) (2)	13234011	06/12/2013 17:35	MJSXX9	
JSXY0	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1132 (4 C), 1133 (4 C) (2)	13234012	06/12/2013 18:00	MJSXY0	
JSXY1	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1135 (4 C), 1136 (4 C) (2)	13234013	06/12/2013 18:45	MJSXY1	
JSXY2	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1138 (4 C), 1139 (4 C) (2)	13234014	06/12/2013 19:14	MJSXY2	

Sample(s) to be used for Lab QC: JSXX3

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: CLP ARO/PE=CLP TCL Pesticides/Aroclors, CLP SVOA=CLP TCL Semivolatiles- Low+SIM

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/13/13 14:15									
	COPY	43548									
ORIGINAL DOCUMENTS INCLUDED IN CSF		JSXT7							[signature]	6/14/13	0900

[signature]
Signature
6/15/13
Date

SDG Last sample JSXX6 (JSXT7)
SDG JSXX7 First sample: JSXX7

T= 3-5°

JSXX7

USEPA CLP Organics COC (LAB COPY)

DateShipped: 6/13/2013
CarrierName: FedEx
AirbillNo: 8667 9131 0936

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548
Cooler #: EPW1035

No: 10-061313-140111-0004

Lab: Shealy Environmental
Lab Contact: Robert Zhu
Lab Phone: 803-791-9700

Organic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Inorganic Sample #	For Lab Use Only
JSXY3	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1143 (4 C), 1144 (4 C) (2)	13234017	06/12/2013 18:17	MJSXY3	OK
JSXY4	Water/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1148 (4 C), 1149 (4 C) (4)	13234045	06/13/2013 13:00	MJSXY4	↓

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: CLP ARO/PE=CLP TCL Pesticides/Aroclors, CLP SVOA=CLP TCL Semivolatiles- Low+SIM

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/13/13 14:15									
									[signature]	6/14/13	0900

SDG Last sample JSXY4

T=3.5

JSXY5

USEPA CLP Organics COC (LAB COPY)

DateShipped: 6/17/2013
CarrierName: FedEx
AirbillNo: 8667 9131 0888

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548
Cooler #:

No: 10-061713-120923-0006

Lab: Shealy Environmental
Lab Contact: Robert Zhu
Lab Phone: 803-791-9700

EPW11035

Organic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Inorganic Sample #	For Lab Use Only
JSXY5	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1152 (4 C), 1153 (4 C) (2)	13234037	06/13/2013 13:35	MJSXY5	OK
JSXY6	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1158 (4 C), 1159 (4 C) (2)	13234038	06/13/2013 14:10	MJSXY6	
JSXY7	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1161 (4 C), 1162 (4 C) (2)	13234039	06/13/2013 14:45	MJSXY7	
JSXY8	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1164 (4 C), 1165 (4 C) (2)	13234040	06/13/2013 15:50	MJSXY8	
JSXY9	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1167 (4 C), 1168 (4 C) (2)	13234041	06/13/2013 16:20	MJSXY9	
JSXZ0	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1170 (4 C), 1171 (4 C) (2)	13234043	06/13/2013 17:30	MJSXZ0	
JSXZ1	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1173 (4 C), 1174 (4 C) (2)	13234044	06/13/2013 17:45	MJSXZ1	
JSXZ2	Sediment/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1176 (4 C), 1177 (4 C) (2)	13234042	06/13/2013 17:00	MJSXZ2	
JSXZ3	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1183 (4 C), 1184 (4 C) (2)	13234015	06/14/2013 13:20	MJSXZ3	
JSXZ4	Soil Surface/ Bryan Ciecko	Grab	CLP ARO/PE(7), CLP SVOA(7)	1188 (4 C), 1189 (4 C) (2)	13234016	06/14/2013 14:00	MJSXZ4	
JSXZ5	Soil Surface/ Derek Pulvino	Grab	CLP ARO/PE(7), CLP SVOA(7)	1191 (4 C), 1192 (4 C) (2)	13234030	06/14/2013 14:15	MJSXZ5	

Sample(s) to be used for Lab QC: JSXZ2

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: CLP ARO/PE=CLP TCL Pesticides/Aroclors, CLP SVOA=CLP TCL Semivolatiles- Low+SIM

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/17/13 12:15									
									[signature]	6/19/13	0910

SDG Last sample JSXZ5

T= 1.8

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/12/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3290

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548 Contract:- EPW09035
Cooler #: SDG:- MJSXT7

No: 10-061213-144156-0002

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXT7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1016 (4 C) (1)	13234001	06/10/2013 16:50	JSXT7	0017594 -01 1stsxin SDG
MJSXT8	Sediment/ Bryan Ciecko	Grab	TALHgMO(7)	1022 (4 C) (1)	13234006	06/10/2013 18:17	JSXT8	~~-02~~ 6/13/13
MJSXT9	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1027 (4 C) (1)	13234022	06/11/2013 11:02	JSXT9	0017594 -02
MJSXW0	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1034 (4 C) (1)	13234024	06/11/2013 14:20	JSXW0	-03
MJSXW1	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1041 (4 C) (1)	13234026	06/11/2013 15:10	JSXW1	-04
MJSXW2	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1046 (4 C) (1)	13234027	06/11/2013 16:55	JSXW2	-05
MJSXW3	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1055 (4 C) (1)	13234032	06/11/2013 12:55	JSXW3	6/13/13
MJSXW4	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1066 (4 C) (1)	13234023	06/11/2013 13:35	JSXW4	0017594 -06
MJSXW5	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1071 (4 C) (1)	13234025	06/11/2013 14:40	JSXW5	-07
MJSXW6	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1074 (4 C) (1)	13234028	06/11/2013 17:28	JSXW6	-08
MJSXW7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1077 (4 C) (1)	13234029	06/11/2013 18:58	JSXW7	-09

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/12/13 14:55	Rocram	6/13/13	10:00						
									[signature]	6/13/13	

0016

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/12/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3290

CHAIN OF CUSTODY RECORD

Project Code SFP-057A Contract:-EPW09035
Case #: 43548
Cooler #: SDG: MJSXT87 6/13/13

No: 10-061213-144156-0002

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXT7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1016 (4 C) (1)	13234001	06/10/2013 16:50	JSXT7	
MJSXT8	Sediment/ Bryan Ciecko	Grab	TALHgMO(7)	1022 (4 C) (1)	13234006	06/10/2013 18:17	JSXT8	0017595-01 MJSXT7 SDG
MJSXT9	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1027 (4 C) (1)	13234022	06/11/2013 11:02	JSXT9	
MJSXW0	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1034 (4 C) (1)	13234024	06/11/2013 14:20	JSXW0	
MJSXW1	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1041 (4 C) (1)	13234026	06/11/2013 15:10	JSXW1	6/13/13
MJSXW2	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1046 (4 C) (1)	13234027	06/11/2013 16:55	JSXW2	
MJSXW3	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1055 (4 C) (1)	13234032	06/11/2013 12:55	JSXW3	0017595-02
MJSXW4	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1066 (4 C) (1)	13234023	06/11/2013 13:35	JSXW4	
MJSXW5	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1071 (4 C) (1)	13234025	06/11/2013 14:40	JSXW5	
MJSXW6	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1074 (4 C) (1)	13234028	06/11/2013 17:28	JSXW6	6/13/13
MJSXW7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1077 (4 C) (1)	13234029	06/11/2013 18:58	JSXW7	

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping		6/12/13 16:55	Raman	6/13/13	10:00						
									6/13/13		

0017

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/12/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3290

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548 Contract:- EPW09035
Cooler #: SDG:- MJSXT87 6/13/13

No: 10-061213-144156-0002

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXW8	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1080 (4 C) (1)	13234033	06/11/2013 16:25	JSXW8	0017595 -03
MJSXW9	Sediment/ Bryan Ciecko	Grab	TALHgMO(7)	1083 (4 C) (1)	13234034	06/11/2013 17:45	JSXW9	-04
MJSXX0	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1086 (4 C) (1)	13234035	06/11/2013 18:25	JSXX0	-05
MJSXX1	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1089 (4 C) (1)	13234036	06/11/2013 18:40	JSXX1	-06
								6/13/13

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping		6/12/13 14:55	Raran	6/13/13	10:00						
								6/13/13			

0018

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/17/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3305

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548 Contract:- EPW09035
Cooler #: SDG:- MJSXX2

No: 10-061313-150445-0005

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXX2	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1102 (4 C) (1)	13234018	06/12/2013 09:50	JSXX2	6017597 -01 1st sx in SDG
MJSXX3	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1097 (4 C) (1)	13234019	06/12/2013 10:25	JSXX3	-02
MJSXX4	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1105 (4 C) (1)	13234020	06/12/2013 11:00	JSXX4	-03
MJSXX5	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1108 (4 C) (1)	13234021	06/12/2013 11:30	JSXX5	-04
MJSXX6	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1113 (4 C) (1)	13234008	06/12/2013 14:55	JSXX6	-05
MJSXX7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1118 (4 C) (1)	13234009	06/12/2013 15:20	JSXX7	-06
MJSXX8	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1121 (4 C) (1)	13234010	06/12/2013 15:50	JSXX8	-07
MJSXX9	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1126 (4 C) (1)	13234011	06/12/2013 17:35	JSXX9	-08
MJSXY0	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1131 (4 C) (1)	13234012	06/12/2013 18:00	JSXY0	-09
MJSXY1	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1134 (4 C) (1)	13234013	06/12/2013 18:45	JSXY1	-10
MJSXY2	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1137 (4 C) (1)	13234014	06/12/2013 19:14	JSXY2	-11

Sample(s) to be used for Lab QC: MJSXX3	**Shipment for Case Complete? Y**
	Samples Transferred From Chain of Custody #
Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/17/13 12:40	Rafani	6/18/13	10:05						
							[signature]	6/18/13			

0016

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/17/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3305

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548 Contract:- EPW09035
Cooler #: SDG:- MJSXX2

No: 10-061313-150445-0005

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXY3	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1142 (4 C) (1)	13234017	06/12/2013 18:17	JSXY3	
MJSXY4	Water/ Derek Pulvino	Grab	TALTMHgMO(7)	1147 (H2SO4 pH<2) (1)	13234045	06/13/2013 13:00	JSXY4	6/18/13
MJSXY5	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1151 (4 C) (1)	13234037	06/13/2013 13:35	JSXY5	0017597 -12
MJSXY6	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1157 (4 C) (1)	13234038	06/13/2013 14:10	JSXY6	-13
MJSXY7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1160 (4 C) (1)	13234039	06/13/2013 14:45	JSXY7	-14
MJSXY8	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1163 (4 C) (1)	13234040	06/13/2013 15:50	JSXY8	-15
MJSXY9	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1166 (4 C) (1)	13234041	06/13/2013 16:20	JSXY9	-16
MJSXZ0	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1169 (4 C) (1)	13234043	06/13/2013 17:30	JSXZ0	
MJSXZ1	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1172 (4 C) (1)	13234044	06/13/2013 17:45	JSXZ1	6/18/13
MJSXZ2	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1175 (4 C) (1)	13234042	06/13/2013 17:00	JSXZ2	
MJSXZ3	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1182 (4 C) (1)	13234015	06/14/2013 13:20	JSXZ3	0017597 -17

Sample(s) to be used for Lab QC: MJSXZ2	**Shipment for Case Complete? Y**
	Samples Transferred From Chain of Custody #

Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg, TALTMHgMO=CLP TAL Metals ICPAESMo MA 2253.1, ICPMS, Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping		6/17/13 12:40	Ravan	6/18/13	10:05						
									6/18/13		

0017

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/17/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3305

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548 Contract:- EPW09035
Cooler #: SDG:- MJSXX2

No: 10-061313-150445-0005

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXZ4	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1187 (4 C) (1)	13234016	06/14/2013 14:00	JSXZ4	0017597 -18
MJSXZ5	Soil Surface/ Derek Pulvino	Grab	TALHgMO(7)	1190 (4 C) (1)	13234030	06/14/2013 14:15	JSXZ5	↓ -19 finalsx insps
								6/18/13

Special Instructions:	Shipment for Case Complete? Y
	Samples Transferred From Chain of Custody #

Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg, TALTMHgMO=CLP TAL Metals ICPAESMo MA 2253.1, ICPMS, Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping	[signature]	6/17/13 12:40	[signature]	6/18/13	10:05						
								6/18/13			

0018

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/17/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3305

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548 Contract:-EPW09035
Cooler #: SDG:- MJSXY3

No: 10-061313-150445-0005

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXY3	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1142 (4 C) (1)	13234017	06/12/2013 18:17	JSXY3	0017598 -01 1st sx in SDG
MJSXY4	Water/ Derek Pulvino	Grab	TALTMHgMO(7)	1147 (H2SO4 pH<2) (1)	13234045	06/13/2013 13:00	JSXY4	
MJSXY5	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1151 (4 C) (1)	13234037	06/13/2013 13:35	JSXY5	
MJSXY6	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1157 (4 C) (1)	13234038	06/13/2013 14:10	JSXY6	
MJSXY7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1160 (4 C) (1)	13234039	06/13/2013 14:45	JSXY7	
MJSXY8	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1163 (4 C) (1)	13234040	06/13/2013 15:50	JSXY8	6/18/13
MJSXY9	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1166 (4 C) (1)	13234041	06/13/2013 16:20	JSXY9	
MJSXZ0	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1169 (4 C) (1)	13234043	06/13/2013 17:30	JSXZ0	0017598 -02
MJSXZ1	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1172 (4 C) (1)	13234044	06/13/2013 17:45	JSXZ1	-03
MJSXZ2	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1175 (4 C) (1)	13234042	06/13/2013 17:00	JSXZ2	-04 final sx in SDG
MJSXZ3	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1182 (4 C) (1)	13234015	06/14/2013 13:20	JSXZ3	6/18/13

Sample(s) to be used for Lab QC: MJSXZ2	**Shipment for Case Complete? Y**
	Samples Transferred From Chain of Custody #

Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg, TALTMHgMO=CLP TAL Metals ICPAESMo MA 2253.1, ICPMS, Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping		6/17/13 12:46	Rat an	6/18/13	10:05						
								6/18/13			

original copy in Case- 43548 -SDG- MJSXX2

USEPA CLP Inorganics COC (LAB COPY)

DateShipped: 6/17/2013
CarrierName: FedEx
AirbillNo: 8656 1491 3305

CHAIN OF CUSTODY RECORD

Project Code SFP-057A
Case #: 43548 Contract:- EPW09035
Cooler #: SDG:- MJSXY4

No: 10-061313-150445-0005

Lab: A4 Scientific
Lab Contact: Reddy Pakanati
Lab Phone: 281-292-5277

Inorganic Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Organic Sample #	For Lab Use Only
MJSXY3	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1142 (4 C) (1)	13234017	06/12/2013 18:17	JSXY3	
MJSXY4	Water/ Derek Pulvino	Grab	TALTMHgMO(7)	1147 (H2SO4 pH<2) (1)	13234045	06/13/2013 13:00	JSXY4	0017599-01 1st sx in SDG
MJSXY5	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1151 (4 C) (1)	13234037	06/13/2013 13:35	JSXY5	final sx in SDG
MJSXY6	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1157 (4 C) (1)	13234038	06/13/2013 14:10	JSXY6	
MJSXY7	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1160 (4 C) (1)	13234039	06/13/2013 14:45	JSXY7	
MJSXY8	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1163 (4 C) (1)	13234040	06/13/2013 15:50	JSXY8	
MJSXY9	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1166 (4 C) (1)	13234041	06/13/2013 16:20	JSXY9	
MJSXZ0	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1169 (4 C) (1)	13234043	06/13/2013 17:30	JSXZ0	
MJSXZ1	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1172 (4 C) (1)	13234044	06/13/2013 17:45	JSXZ1	
MJSXZ2	Sediment/ Derek Pulvino	Grab	TALHgMO(7)	1175 (4 C) (1)	13234042	06/13/2013 17:00	JSXZ2	6/18/13
MJSXZ3	Soil Surface/ Bryan Ciecko	Grab	TALHgMO(7)	1182 (4 C) (1)	13234015	06/14/2013 13:20	JSXZ3	

Sample(s) to be used for Lab QC: MJSXZ2	**Shipment for Case Complete? Y**
	Samples Transferred From Chain of Custody #

Analysis Key: TALHgMO=CLP TAL Metals ICPAES+Mo MA 2253.1, ICPMS, Hg, TALTMHgMO=CLP TAL Metals ICPAESMo MA 2253.1, ICPMS, Hg

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Shipping		6/17/13 12:46	Rat an	6/18/13	10:05						
								6/18/13			

0012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

CORRECTIVE ACTION NOTICE

Project Name:	West Salem Preliminary Assessment	Date Received:	7/23/2013
Project Code:	SFP-057A	Sampling Agency	A4 Analytical
Account Code:	2013T10P303DD210ZZLA00	Sampler(s):	NA
Project Officer:	JOANNE LABAW		
Phone:	206-553-2594	Recorder:	NA

Sample Numbers: **13234001, 6, 4008-30, 4032-44**

2	**Number of shipping containers received**
0	**Number of shipping containers received with errors**
4	**Number of chains of custody received**
1	**Number of chains of custody received with errors**

# Containers	Description of Shipment/Chain of Custody Container Issues Noted:
0	Shipping Container - Addressed incorrectly (must be addressed to 'Sample Custodian')
0	Shipping Container - Samples improperly packed for shipment
0	Shipping Container - Cooler Return information not provided
0	Custody Seals - Custody Samples received with seals missing/broken
0	Chain of Custody - Missing/Outdated Form
0	Chain of Custody - Missing/Incorrect chain of custody header information

37	**Number of samples received in this shipment**
1	**Number of samples received with critical and/or non-critical errors**
0	**Number of samples received with critical errors**

# Samples	Description of Shipment/Chain of Custody/Sample Container Issues Noted:
0	Chain of Custody - Missing/Incorrect EPA numbers
0	Chain of Custody - No analysis/Incorrect analysis listed for received samples
1	Chain of Custody - Samples listed not included in shipment ***See Below***
0	Unique Container ID* - Missing on COC and/or Not written on the container
0	Unique Container ID* - Incorrectly assigned
0	Sample Container - Labels Missing/Damaged/Illegible
0	Sample Container - EPA Sample Numbers Missing/Incorrect
0	Custody Seals - Criminal Samples received with seals missing/broken
0	Sample Container - Received at elevated temperature (above 6°C)
0	Sample Container - Sample preservation requirements not met
0	Sample Container - Broken/Leaking
0	Sample Container- Insufficient sample volume and/or incorrect sample container
1	Sample Container: ***Please See Below***

* per Region 10 Sample Receiving SOP

Additional Information

*****Sample #13234038 was listed on the COC, but not included in the shipment.**

***** An extra jar for sample #13234014 was included in the shipment, one in the "archive" cooler (not listed on the COC) and one in the "analyze" cooler (listed on the COC). The extra jar was labeled "N3" and frozen with the archive portions of the samples.**

Transmitted By: Karen Norton/ESAT

Date: 7/23/2013

Original: File

RSCC Contact: Jennifer Crawford

Project Officer: JOANNE LABAW

Laboratory Director: Barry Pepich

Laboratory Staff Gerald Dodo, Carol Haines, Katie Adams, Stephanie Le, Theresa McBrice, Melissa Billings, Kim Wood

cc: Renee Nordeen- E&E

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

CORRECTIVE ACTION NOTICE

Project Name:	West Salem Preliminary Assessment	Date Received:	7/12/2013
Project Code:	SFP-057A	Sampling Agency	A4 Analytical
Account Code:	2013T10P303DD210ZZLA00	Sampler(s):	NA
Project Officer:	JOANNE LABAW		
Phone:	206-553-2594	Recorder:	NA

Sample Numbers: **13234001, 6, 4008-30, 4032-45**

2	**Number of shipping containers received**
0	**Number of shipping containers received with errors**
5	**Number of chains of custody received**
2	**Number of chains of custody received with errors**

# Containers	Description of Shipment/Chain of Custody Container Issues Noted:
0	Shipping Container - Addressed incorrectly (must be addressed to 'Sample Custodian')
0	Shipping Container - Samples improperly packed for shipment
0	Shipping Container - Cooler Return information not provided
0	Custody Seals - Custody Samples received with seals missing/broken
0	Chain of Custody - Missing/Outdated Form
0	Chain of Custody - Missing/Incorrect chain of custody header information

39	**Number of samples received in this shipment**
8	**Number of samples received with critical and/or non-critical errors**
8	**Number of samples received with critical errors**

# Samples	Description of Shipment/Chain of Custody/Sample Container Issues Noted:
0	Chain of Custody - Missing/Incorrect EPA numbers
0	Chain of Custody - No analysis/Incorrect analysis listed for received samples
0	Chain of Custody - Samples listed not included in shipment
0	Unique Container ID* - Missing on COC and/or Not written on the container
1	Unique Container ID* - Incorrectly assigned ***See Below***
0	Sample Container - Labels Missing/Damaged/Illegible
0	Sample Container - EPA Sample Numbers Missing/Incorrect
0	Custody Seals - Criminal Samples received with seals missing/broken
0	Sample Container - Received at elevated temperature (above 6°C)
0	Sample Container - Sample preservation requirements not met
0	Sample Container - Broken/Leaking
0	Sample Container- Insufficient sample volume and/or incorrect sample container
8	CRITICAL ERROR: Sample Containers ***Please see below***
2	Chain of Custody***Please see below***

* per Region 10 Sample Receiving SOP

Additional Information

*****Water sample# 13234045 did not have a container ID number on the bottle, but it indicated on the label that the sample was preserved with H2SO4. The COC indicated a "B1" CID code, which represents HNO3 preservative. The sampler was contacted, and it was determined that the sample was preserved with nitric acid, which was consistent with the COC. The bottle was corrected and a "B1" was added to the container.**

*****Many of the samples were sent two-to-a-bag. Several of the bags now contain water. This water may have leaked from the sample jars, or it may be ice meltwater that has now picked up contamination from the outside of the jars. This water may have contaminated the samples in the bags. The samples contained in those bags are as follows:**

13234042 & 4044
13234016 & 4017
13234010 & 4012
13234030 & 4043 (Archived sample jars)

*****Water sample # 13234045 was listed on the COC with the samples for analysis, however it arrived in the cooler with the samples for archiving. The sample number was crossed off and initialed, and added to the correct COC.**

Transmitted By: Karen Norton/ESAT Date: 7/16/2013

Original: File

RSCC Contact: Jennifer Crawford

Project Officer: JOANNE LABAW

Laboratory Director: Barry Pepich

Laboratory Staff Gerald Dodo, Katie Adams, Stephanie Le, Theresa McBrice, Melissa Billings, Kim Wood

cc: Renee Nordeen- E&E

USEPA CLP Generic COC (LAB COPY)

CUSTODY RECORD: EPA R10 MEL

No: 10-070913-130857-0008

DateShipped: 7/11/2013
CarrierName: FedEx
AirbillNo:

Project Code: SFP-057A
Cooler #: 2

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvno
Contact Phone: 206-624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
MJSXT7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234001	06/10/2013 16:50	
MJSXT8	Sediment/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234006	06/10/2013 18:17	
MJSXT9	Soil Surface/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234022	06/11/2013 11:02	
MJSXW1	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234026	06/11/2013 15:10	
MJSXW2	Soil Surface/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234027	06/11/2013 16:55	
MJSXW3	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234032	06/11/2013 12:55	
MJSXW7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234029	06/11/2013 18:58	
MJSXX2	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234018	06/12/2013 09:50	
MJSXX3	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234019	06/12/2013 10:25	
MJSXX4	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234020	06/12/2013 11:00	
MJSXX5	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234021	06/12/2013 11:30	

Sample(s) to be used for Lab QC: MJSXX3 - Special Instructions: All samples on this COC are being transhipped from A4 Analytical for follow on analysis. Sample jars were labeled in the field for TAL Metals analysis by a CLP lab and did not originally include bottle codes.	**Shipment for Case Complete? Y** **Samples Transferred From Chain of Custody #**
Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
			Y. Wood	7/12/13	12:15						

USEPA CLP Generic COC (LAB COPY)

CUSTODY RECORD: EPA R10 MEL

No: 10-070913-130857-0008

DateShipped: 7/11/2013
CarrierName: FedEx
AirbillNo:

Project Code: SFP-057A
Cooler #: 2

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvno
Contact Phone: 206-624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
MJSXX8	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234010	06/12/2013 15:50	
MJSXY0	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234012	06/12/2013 18:00	
MJSXY2	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234014	06/12/2013 19:14	
MJSXY3	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234017	06/12/2013 18:17	
~~MJSXY4~~	~~Water/ Derek~~ Pulvino	~~Grab~~	~~TR Metals~~	~~B1 (HNO3 pH<2) (1)~~	~~13234045~~	~~06/13/2013 13:00~~	
MJSXY5	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234037	06/13/2013 13:35	
MJSXY7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234039	06/13/2013 14:45	
MJSXY8	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234040	06/13/2013 15:50	
MJSXZ1	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234044	06/13/2013 17:45	
MJSXZ2	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234042	06/13/2013 17:00	
MJSXZ3	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234015	06/14/2013 13:20	

HW 7/12/13

Sample(s) to be used for Lab QC: MJSXZ2 - Special Instructions: All samples on this COC are being transhipped from A4 Analytical for follow on analysis. Sample jars were labeled in the field for TAL Metals analysis by a CLP lab and did not originally include bottle codes.	**Shipment for Case Complete? Y**
	Samples Transferred From Chain of Custody #
Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
			K. Wood	7/12/13							
					12:15						

USEPA CLP Generic COC (LAB COPY)

CUSTODY RECORD: EPA R10 MEL

No: 10-070913-130857-0008

DateShipped: 7/11/2013
CarrierName: FedEx
AirbillNo:

Project Code: SFP-057A
Cooler #: 2

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvno
Contact Phone: 206-624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
MJSXZ4	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234016	06/14/2013 14:00	

Special Instructions: All samples on this COC are being transhipped from A4 Analytical for follow on analysis. Sample jars were labeled in the field for TAL Metals analysis by a CLP lab and did not originally include bottle codes.	**Shipment for Case Complete? Y**
	Samples Transferred From Chain of Custody #
Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
			K. wood	7/12/13	12:15						

Archive Samples

USEPA CLP Generic COC (LAB COPY)

DateShipped: 7/11/2013
CarrierName: FedEx
AirbillNo:

CUSTODY RECORD: EPA R10 MEL

Project Code: SFP-057A
Cooler #: 1

No: 10-071013-094126-0009

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvino
Contact Phone: 206/624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
MJSXY1	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234013	06/12/2013 18:45	
MJSXY6	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234038	06/13/2013 14:10	
MJSXY9	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234041	06/13/2013 16:20	
MJSXZ0	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234043	06/13/2013 17:30	
MJSXZ5	Soil Surface/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234030	06/14/2013 14:15	
MJSXY4	WATER		TR METALS	B1	13234045	6/13/13	13:00

KW 7/12/13

Special Instructions: All samples on this COC are being transhipped from A4 Analytical for storage/archival. Sample jars were labeled in the field for TAL Metals analysis by a CLP lab and did not originally include bottle codes.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
			Kinwood	7/12/13	1215						

USEPA CLP Generic COC (LAB COPY)

DateShipped: 7/11/2013
CarrierName: FedEx
AirbillNo:

CUSTODY RECORD: EPA R10 MEL

Project Code: SFP-057A
Cooler #: 1

No: 10-071013-094126-0009

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvino
Contact Phone: 206/624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
MJSXW0	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234024	06/11/2013 14:20	
MJSXW4	Soil Surface/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234023	06/11/2013 13:35	
MJSXW5	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234025	06/11/2013 14:40	
MJSXW6	Soil Surface/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234028	06/11/2013 17:28	
MJSXW8	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234033	06/11/2013 16:25	
MJSXW9	Sediment/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234034	06/11/2013 17:45	
MJSXX0	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234035	06/11/2013 18:25	
MJSXX1	Sediment/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234036	06/11/2013 18:40	
MJSXX6	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234008	06/12/2013 14:55	
MJSXX7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N1 (4 C) (1)	13234009	06/12/2013 15:20	
MJSXX9	Soil Surface/ Derek Pulvino	Grab	TR Metals	N1 (4 C) (1)	13234011	06/12/2013 17:35	

Special Instructions: All samples on this COC are being transhipped from A4 Analytical for storage/archival. Sample jars were labeled in the field for TAL Metals analysis by a CLP lab and did not originally include bottle codes.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
			Kiwood	7/12/13	12:15						

USEPA CLP Generic COC (LAB COPY)

CUSTODY RECORD: EPA R10 MEL

No: 10-071713-111004-0010

DateShipped: 7/22/2013
CarrierName: FedEx
AirbillNo:

Project Code: SFP-057A
Cooler #:

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvino
Contact Phone: 206-624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
JSXX8	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234010	06/12/2013 15:50	
JSXY0	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234012	06/12/2013 18:00	
JSXY2	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234014	06/12/2013 19:14	
JSXY5	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234037	06/13/2013 13:35	
JSXY7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234039	06/13/2013 14:45	
JSXY8	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234040	06/13/2013 15:50	
JSXZ1	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234044	06/13/2013 17:45	
JSXZ2	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234042	06/13/2013 17:00	
JSXZ3	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234015	06/14/2013 13:20	
JSXZ4	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234016	06/14/2013 14:00	
MJSXY3	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234017	06/12/2013 18:17	

Sample(s) to be used ~~for Lab QC~~: JSXZ2 - Special Instructions: All samples on this COC are being transhipped from Shealy Analytical for follow on analysis. Sample jars were labeled in the field for Organics analysis by a CLP lab and did not originally include bottle codes.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	7/22/13	~~FEDEX~~	7/22/13	1800				[illegible]	7/23/13	1210
		EC 7/22/13	FEDEX								

USEPA CLP Generic COC (LAB COPY)

CUSTODY RECORD: EPA R10 MEL

No: 10-071713-111004-0010

DateShipped: 7/22/2013
CarrierName: FedEx
AirbillNo:

Project Code: SFP-057A
Cooler #:

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvino
Contact Phone: 206-624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
JSXT7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234001	06/10/2013 16:50	
JSXT8	Sediment/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234006	06/10/2013 18:17	
JSXT9	Soil Surface/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234022	06/11/2013 11:02	
JSXW1	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234026	06/11/2013 15:10	
JSXW2	Soil Surface/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234027	06/11/2013 16:55	
JSXW3	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234032	06/11/2013 12:55	
JSXW7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234029	06/11/2013 18:58	
JSXX2	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234018	06/12/2013 09:50	
JSXX3	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234019	06/12/2013 10:25	
JSXX4	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234020	06/12/2013 11:00	
JSXX5	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234021	06/12/2013 11:30	

Sample(s) to be used for ~~Lab QC~~: JSXX3 - Special Instructions: All samples on this COC are being transhipped from Shealy Analytical for follow on analysis. Sample jars were labeled in the field for Organics analysis by a CLP lab and did not originally include bottle codes.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	7/22/13	FEDEX	7/22/13	18:00				[illegible]	7/23/13	12:10

USEPA CLP Generic COC (LAB COPY)

CUSTODY RECORD: EPA R10 MEL

No: 10-071713-111503-0011

DateShipped: 7/22/2013
CarrierName: FedEx
AirbillNo:

Project Code: SFP-057A
Cooler #:

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvino
Contact Phone: 206-624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
JSXY1	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234013	06/12/2013 18:45	
~~JSXY6~~	~~Soil Surface/ Bryan Ciecko~~	~~Grab~~	~~TR Metals~~	~~N2 (4 C) (1)~~	~~13234038~~	~~06/13/2013 14:10~~	7/23/13
JSXY9	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234041	06/13/2013 16:20	
JSXZ0	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234043	06/13/2013 17:30	
JSXZ5	Soil Surface/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234030	06/14/2013 14:15	
JSXY2	Soil	Grab	TR Metals	N3	13234014	6/12/13 19:14	

Special Instructions: All samples on this COC are being transhipped from Shealy Analytical for archival. Sample jars were labeled in the field for Organics analysis by a CLP lab and did not originally include bottle codes.

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	7/22/13	FedEx	7/22/13	1800				[signature]	7/23/13	1210

USEPA CLP Generic COC (LAB COPY)

CUSTODY RECORD: EPA R10 MEL

No: 10-071713-111503-0011

DateShipped: 7/22/2013
CarrierName: FedEx
AirbillNo:

Project Code: SFP-057A
Cooler #:

Account #: 2013T10P303DD210ZZLA00
Contact Name: Derek Pulvino
Contact Phone: 206-624-9537

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
JSXW0	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234024	06/11/2013 14:20	
JSXW4	Soil Surface/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234023	06/11/2013 13:35	
JSXW5	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234025	06/11/2013 14:40	
JSXW6	Soil Surface/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234028	06/11/2013 17:28	
JSXW8	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234033	06/11/2013 16:25	
JSXW9	Sediment/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234034	06/11/2013 17:45	
JSXX0	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234035	06/11/2013 18:25	
JSXX1	Sediment/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234036	06/11/2013 18:40	
JSXX6	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234008	06/12/2013 14:55	
JSXX7	Soil Surface/ Bryan Ciecko	Grab	TR Metals	N2 (4 C) (1)	13234009	06/12/2013 15:20	
JSXX9	Soil Surface/ Derek Pulvino	Grab	TR Metals	N2 (4 C) (1)	13234011	06/12/2013 17:35	

Special Instructions: All samples on this COC are being transhipped from Shealy Analytical for archival. Sample jars were labeled in the field for Organics analysis by a CLP lab and did not originally include bottle codes.

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TR Metals=TRMetals: TiZrNbTaHfW

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	7/22/13	FEDEX	7/22/13	1800				[illegible]	7/23/13	1210

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

CORRECTIVE ACTION NOTICE

Project Name:	West Salem Preliminary Assessment	Date Received:	7/12/2013
Project Code:	SFP-057A	Sampling Agency	A4 Analytical
Account Code:	2013T10P303DD210ZZLA00	Sampler(s):	NA
Project Officer:	JOANNE LABAW		
Phone:	206-553-2594	Recorder:	NA

Sample Numbers: **13234001, 6, 4008-30, 4032-45**

2	**Number of shipping containers received**
0	**Number of shipping containers received with errors**
5	**Number of chains of custody received**
2	**Number of chains of custody received with errors**

# Containers	Description of Shipment/Chain of Custody Container Issues Noted:
0	Shipping Container - Addressed incorrectly (must be addressed to 'Sample Custodian')
0	Shipping Container - Samples improperly packed for shipment
0	Shipping Container - Cooler Return information not provided
0	Custody Seals - Custody Samples received with seals missing/broken
0	Chain of Custody - Missing/Outdated Form
0	Chain of Custody - Missing/Incorrect chain of custody header information

39	**Number of samples received in this shipment**
8	**Number of samples received with critical and/or non-critical errors**
8	**Number of samples received with critical errors**

# Samples	Description of Shipment/Chain of Custody/Sample Container Issues Noted:
0	Chain of Custody - Missing/Incorrect EPA numbers
0	Chain of Custody - No analysis/Incorrect analysis listed for received samples
0	Chain of Custody - Samples listed not included in shipment
0	Unique Container ID* - Missing on COC and/or Not written on the container
1	Unique Container ID* - Incorrectly assigned ***See Below***
0	Sample Container - Labels Missing/Damaged/Illegible
0	Sample Container - EPA Sample Numbers Missing/Incorrect
0	Custody Seals - Criminal Samples received with seals missing/broken
0	Sample Container - Received at elevated temperature (above 6°C)
0	Sample Container - Sample preservation requirements not met
0	Sample Container - Broken/Leaking
0	Sample Container- Insufficient sample volume and/or incorrect sample container
8	CRITICAL ERROR: Sample Containers ***Please see below***
2	Chain of Custody***Please see below***

* per Region 10 Sample Receiving SOP

Additional Information

*****Water sample# 13234045 did not have a container ID number on the bottle, but it indicated on the label that the sample was preserved with H2SO4. The COC indicated a "B1" CID code, which represents HNO3 preservative. The sampler was contacted, and it was determined that the sample was preserved with nitric acid, which was consistent with the COC. The bottle was corrected and a "B1" was added to the container.**

*****Many of the samples were sent two-to-a-bag. Several of the bags now contain water. This water may have leaked from the sample jars, or it may be ice meltwater that has now picked up contamination from the outside of the jars. This water may have contaminated the samples in the bags. The samples contained in those bags are as follows:**

13234042 & 4044
13234016 & 4017
13234010 & 4012
13234030 & 4043 (Archived sample jars)

*****Water sample # 13234045 was listed on the COC with the samples for analysis, however it arrived in the cooler with the samples for archiving. The sample number was crossed off and initialed, and added to the correct COC.**

Transmitted By: Karen Norton/ESAT Date: 7/16/2013

Original: File

RSCC Contact: Jennifer Crawford

Project Officer: JOANNE LABAW

Laboratory Director: Barry Pepich

Laboratory Staff Gerald Dodo, Katie Adams, Stephanie Le, Theresa McBrice, Melissa Billings, Kim Wood

cc: Renee Nordeen- E&E

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

CORRECTIVE ACTION NOTICE

Project Name:	West Salem Preliminary Assessment	Date Received:	7/23/2013
Project Code:	SFP-057A	Sampling Agency	A4 Analytical
Account Code:	2013T10P303DD210ZZLA00	Sampler(s):	NA
Project Officer:	JOANNE LABAW		
Phone:	206-553-2594	Recorder:	NA

Sample Numbers: **13234001, 6, 4008-30, 4032-44**

2	**Number of shipping containers received**
0	**Number of shipping containers received with errors**
4	**Number of chains of custody received**
1	**Number of chains of custody received with errors**

# Containers	Description of Shipment/Chain of Custody Container Issues Noted:
0	Shipping Container - Addressed incorrectly (must be addressed to 'Sample Custodian')
0	Shipping Container - Samples improperly packed for shipment
0	Shipping Container - Cooler Return information not provided
0	Custody Seals - Custody Samples received with seals missing/broken
0	Chain of Custody - Missing/Outdated Form
0	Chain of Custody - Missing/Incorrect chain of custody header information

37	**Number of samples received in this shipment**
1	**Number of samples received with critical and/or non-critical errors**
0	**Number of samples received with critical errors**

# Samples	Description of Shipment/Chain of Custody/Sample Container Issues Noted:
0	Chain of Custody - Missing/Incorrect EPA numbers
0	Chain of Custody - No analysis/Incorrect analysis listed for received samples
1	Chain of Custody - Samples listed not included in shipment ***See Below***
0	Unique Container ID* - Missing on COC and/or Not written on the container
0	Unique Container ID* - Incorrectly assigned
0	Sample Container - Labels Missing/Damaged/Illegible
0	Sample Container - EPA Sample Numbers Missing/Incorrect
0	Custody Seals - Criminal Samples received with seals missing/broken
0	Sample Container - Received at elevated temperature (above 6°C)
0	Sample Container - Sample preservation requirements not met
0	Sample Container - Broken/Leaking
0	Sample Container- Insufficient sample volume and/or incorrect sample container
1	Sample Container: ***Please See Below***

* per Region 10 Sample Receiving SOP

Additional Information

*****Sample #13234038 was listed on the COC, but not included in the shipment.**

***** An extra jar for sample #13234014 was included in the shipment, one in the "archive" cooler (not listed on the COC) and one in the "analyze" cooler (listed on the COC). The extra jar was labeled "N3" and frozen with the archive portions of the samples.**

Transmitted By: Karen Norton/ESAT

Date: 7/23/2013

Original: File

RSCC Contact: Jennifer Crawford

Project Officer: JOANNE LABAW

Laboratory Director: Barry Pepich

Laboratory Staff Gerald Dodo, Carol Haines, Katie Adams, Stephanie Le, Theresa McBrice, Melissa Billings, Kim Wood

cc: Renee Nordeen- E&E

E Global Positioning System Coordinates

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Location	Location Description	Datum	Rcvr_Type	GPS Date	Latitude	Longitude	Geo Method
BG01SD	Background	WGS84	GeoXH 2008-3000	06/10/13	44.927036837	-123.073431864	GPS
BG01SS	Background	WGS84	GeoXH 2008-3000	06/10/13	44.924317634	-123.072532984	GPS
BG02SD	Background	WGS84	GeoXH 2008-3000	06/10/13	44.926262215	-123.076672701	GPS
BG02SS	Background	WGS84	GeoXH 2008-3000	06/10/13	44.924263730	-123.072222108	GPS
BG03SD	Background	WGS84	GeoXH 2008-3000	06/10/13	44.926714561	-123.074979308	GPS
BG03SS	Background	WGS84	GeoXH 2008-3000	06/10/13	44.924463769	-123.072042933	GPS
BG04SD	Background	WGS84	GeoXH 2008-3000	06/10/13	44.927520312	-123.071675407	GPS
BG04SS	Background	WGS84	GeoXH 2008-3000	06/10/13	44.924664391	-123.072090270	GPS
OH01SD	Orchard Heights Park	WGS84			44.958338	-123.061821	Interpolation
OH01SS	Orchard Heights Park	WGS84	GeoXH 2008-3000	06/13/13	44.957192616	-123.060868046	GPS
OH02SD	Orchard Heights Park	WGS84	GeoXH 2008-3000	06/13/13	44.957721345	-123.062919860	GPS
OH02SS	Orchard Heights Park	WGS84	GeoXH 2008-3000	06/13/13	44.957345855	-123.061785362	GPS
OH03SD	Orchard Heights Park	WGS84			44.95672	-123.062082	Interpolation
OH03SS	Orchard Heights Park	WGS84	GeoXH 2008-3000	06/13/13	44.958231329	-123.061747346	GPS
OH04SS	Orchard Heights Park	WGS84	GeoXH 2008-3000	06/13/13	44.958555490	-123.060798909	GPS
OH05SS	Orchard Heights Park	WGS84			44.958385	-123.062028	Interpolation
SP01SS	Seventh and Patterson	WGS84	GeoXH 2008-3000	06/12/13	44.948037131	-123.057335529	GPS
SP02SS	Seventh and Patterson	WGS84	GeoXH 2008-3000	06/12/13	44.947962952	-123.057084380	GPS
SP03SS	Seventh and Patterson	WGS84	GeoXH 2008-3000	06/12/13	44.947534301	-123.056777489	GPS
SP04SS	Seventh and Patterson	WGS84	GeoXH 2008-3000	06/12/13	44.947303697	-123.056892807	GPS
WH01SS	West Salem High School	WGS84	GeoXH 2008-3000	06/14/13	44.958605889	-123.083112022	GPS
WH02SS	West Salem High School	WGS84	GeoXH 2008-3000	06/14/13	44.959434370	-123.084595541	GPS
WH03SS	West Salem High School	WGS84	GeoXH 2008-3000	06/14/13	44.959786738	-123.085220016	GPS
WM01SD	Walker Middle	WGS84			44.947685	-123.061104	Interpolation
WM01SS	Walker Middle	WGS84	GeoXH 2008-3000	06/12/13	44.948324561	-123.059311306	GPS
WM02SS	Walker Middle	WGS84	GeoXH 2008-3000	06/12/13	44.948677879	-123.058147275	GPS
WM03SS	Walker Middle	WGS84	GeoXH 2008-3000	06/12/13	44.947881188	-123.057809719	GPS
WM04SS	Walker Middle	WGS84	GeoXH 2008-3000	06/12/13	44.946950112	-123.061296766	GPS
WM05SS	Walker Middle	WGS84	GeoXH 2008-3000	06/12/13	44.947380734	-123.062201948	GPS
WM06SS	Walker Middle	WGS84	GeoXH 2008-3000	06/12/13	44.947467441	-123.060745403	GPS
WM07SS	Walker Middle	WGS84	GeoXH 2008-3000	06/12/13	44.947093772	-123.059501378	GPS
WP01SD	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.944839279	-123.045946189	GPS

Location	Location Description	Datum	Rcvr_Type	GPS Date	Latitude	Longitude	Geo Method
WP01SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.949857200	-123.044282600	GPS
WP02SD	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.945775014	-123.044374617	GPS
WP02SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.945052759	-123.046144380	GPS
WP03SD	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.946799333	-123.043114738	GPS
WP03SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.953973599	-123.045641030	GPS
WP04SD	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.947879187	-123.042295646	GPS
WP04SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.952788928	-123.043596863	GPS
WP05SD	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.948347415	-123.042220404	GPS
WP05SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.955779435	-123.044000425	GPS
WP06SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.946739153	-123.044329533	GPS
WP07SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.946879481	-123.043413424	GPS
WP08SS	Wallace Marine Park	WGS84	GeoXH 2008-3000	06/11/13	44.951404712	-123.044273928	GPS