Draft ATI Millersburg Operations Facility Sitewide Analysis of Environmental Evaluations: September 1997 – December 2020

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1. Introduction

This document comprises an analysis of all environmental evaluations for the ATI Millersburg Operations facility in Albany, Oregon, performed under Section 10 of the U.S. Environmental Protection Agency (EPA) Record of Decision for Groundwater and Sediments (Groundwater ROD) (EPA, 1996). The Groundwater ROD requires evaluation of excavations in previously uninvestigated areas. This report summarizes work associated with excavation activities performed in the Fabrication, Extraction, Farm Ponds, and Solids areas of the site between September 1, 1997, and December 31, 2020.

The contents of this report and relevant background information are summarized in this section.

1.1 Report Content

The general content of this report includes a summary of excavations between 1997 and 2020, review of methods for determining need for an environmental evaluation, review of previously investigated areas and soil removals, analysis of impact of shallow soil contamination on the groundwater remedy, and conclusions and recommendations.

1.2 Background

To ensure the remedial action objectives (RAOs) for groundwater at the site are being achieved, the Record of Decision (ROD) requires that ATI perform environmental evaluations of previously uninvestigated areas whenever they discontinue use of or otherwise disturb any pond, area, or building on the site. The purpose of these evaluations is to determine whether there have been releases of contaminants that have or may have the potential to affect groundwater quality.

1.2.1 Summary of Excavations - 1997 through 2020

Between September 1, 1997, and December 31, 2020, a total of 898 excavations were performed at locations distributed throughout the site, with over 23,255 cubic yards of soil removed and disposed. Soil from 94 percent of these excavations tested non-hazardous and required no special disposal. Soil from only 6 percent of the excavations (54 excavations) generated soil or debris that required treatment or special disposal. Of these 54 excavations, testing results found PCBs (28 excavations), MIBK (11 excavations), radionuclides (9 excavations) or other constituents such as HCB or CVOCs (6 excavations) at levels requiring treatment or special disposal.

No new soil sources of groundwater contamination have been discovered as a result of the environmental evaluations.

2. Methods

This section includes a brief summary of how the environmental protocol is implemented and describes previously characterized and remediated areas of the site.

2.1 Environmental Evaluation Protocol

Excavations conducted between 1997 and 2005 were performed in accordance with the evaluation and sampling methods described in *Environmental Evaluation Protocol (EEP) for Uninvestigated Areas* (CH2M HILL, 1998). Excavations conducted between 2006 and 2020 were performed in accordance with the evaluation and sampling methods described in the *ATI Work Instruction WI-EMO-39, Excavation of Soils*, dated August 17, 2005. The methods used to implement the 2005 protocol are summarized in the flow charts shown in Figures 2-1 through 2-3.

2.1.1 Determining the Need for an Environmental Evaluation

The flow chart in Figure 2-1 shows the steps taken to determine whether or not an environmental evaluation is required. All projects associated with the excavation of soil on the plant site are reviewed by and subject to the approval of the ATI NPL Project Manager. An Excavation and Removal Notification (ERN) form is completed and submitted to the NPL Project Manager for each project or activity. The NPL Project Manager reviews the information on the ERN form to determine if an onsite environmental evaluation or post-excavation sample is required for the project. Section IV of the work instruction provides examples of the types of excavations for which environmental evaluations are not required.

The protocol requires collection (although not always analysis) of at least one sample from the base of all excavations where soil is removed, whether or not an environmental evaluation was required.

2.1.2 Determining Excavation Sample Requirements

Specific sample requirements under the protocol are shown in Figure 2-2.

No sampling was required for projects where no soil was removed (see Figure 2-2).

No sampling was required for emergency excavations. Emergency excavations are performed for line breaks outside normal operating hours. No staff are available to perform sampling.

A sample was collected at the base of all excavations requiring soil removal. Evidence of contamination left behind was documented through analysis of the base sample, when required. Laboratory analysis of the base sample was only required if field screening levels were exceeded or if elevated levels of chemical constituents were found in the excavated soil. Over-excavation beyond project requirements was performed (up to a maximum depth of 4 feet) if field screening results indicated the presence of contamination.

Sampling Methods

Sample collection methods are described in Section V of the work instruction, which describes the methods used for grid sampling, composite sampling, field screening for pH, conductivity, organic vapors, gamma radiation, and polychlorinated biphenyls (PCBs). Section V also describes requirements for further laboratory analysis.

PCB Test Kits

In September 2003, ATI began using a test kit to screen for PCB levels in the field during excavation. The CHLOR-N-SOIL test kit is used to determine if the PCB concentration of a soil sample is less than or greater than 50 ppm. Under the protocol, where concentrations are greater than 50 ppm, additional excavation (to a maximum depth of 4 feet) is required (see Figure 2-2). Accuracy of the test kit was evaluated in the 2008 Excavation Evaluation Report.

2.1.3 Determining Excavated Material Disposal on the SLEP Pad

The steps taken to characterize and manage excavated material are summarized in Figure 2-3. Additional information is provided in Section VI of the work instruction. The SLEP pad is the staging area for excavated material prior to characterization and offsite soil disposal. The Farm Ponds pad is the staging area for non-hazardous material (typically asphalt or concrete or material characterized non-hazardous) prior to offsite disposal.

2.2 Previously Investigated or Remediated Areas

For the purpose of this report, previously investigated areas include areas where soil samples were collected and/or soil removal performed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) program. Previously investigated and remediated areas may also include areas where action was taken under the RCRA corrective action program, or areas where soil was removed during a previous excavation.

2.2.1 Previously Investigated Areas

Surface Soil

The nature and extent of chemical residues in exposed surface soil was characterized in the remedial investigation/feasibility study (RI/FS) report. The surface soil investigation included collection of 71 samples in unpaved areas of interest in the Fabrication, Extraction, and Farm Ponds areas. Samples were analyzed for semi-volatile organic compounds (SVOCs), PCBs, metals and general chemistry parameters.

In addition, surface soil samples were collected along the banks of Truax and Murder creeks to characterize PCB contamination.

Gamma radiation surveys were performed in three areas: the Front Parking Lot area located east of the Extraction area along Old Salem Road, the Former Sand Unloading area located in the southwest portion of the Fabrication area, and Schmidt Lake in the Solids area.

Subsurface Soil

During the RI, subsurface soil samples were collected at 42 locations in the Extraction area and 42 locations in the Fabrication area. Samples were collected from boreholes created during the drilling of monitor wells, soil borings, and hand auger holes. Typically, samples were collected from each hole at several depths. Samples were analyzed for volatile organic compounds (VOCs), SVOCs, metals, PCBs and other general chemical constituents.

2.2.2 Remediated Areas

Solids Ponds. Under the ROD for operable unit 1 (OU1, sludge ponds) 110,000 cubic yards of lime solids material was stabilized and removed from the Lower River Solids Pond (LRSP) and Schmidt Lake in the Solids area. The removal was completed in 1991. In 1992, an additional 2,000 cubic yards of low-level radioactive material were removed from the base of Schmidt Lake.

Magnesium Resource Recovery Pile (MRRP). Approximately 44,000 cubic yards of magnesium and magnesium chloride solids were stored in the MRRP until it was removed in 1988. The removal included excavation of solids to a depth of approximately 10 feet below ground surface. Confirmation samples were collected of native soil beneath the pile, the pit backfilled with clean fill, and capped with sealed asphalt (now the SLEP pad).

Chlorinator Residue Pile (CRP). Between 1978 and 1979, 5,430 cubic yards of material was transferred from the CRP to the U.S. Ecology low-level radioactive waste facility in Richland, Washington. The Memtek facility was constructed over the CRP site in 1979.

Truax Creek. Under the ROD for OU2, groundwater and sediments, remedial action was conducted in 1997 to remove PCB-contaminated sediments from the Truax Creek channel. The north creek bank was stabilized to prevent PCB-containing soils in the north bank (Truax Fill) from being eroded and transported into the creek.

Front Parking Lot area and Former Sand Unloading area. Under the ROD for OU3, surface and subsurface soils, remedial action was conducted in 1997 to remove soil from areas where surface gamma radiation levels exceeded the 30.5 µrem/hour performance standard.

PCB-Contaminated Soil Removal. In 1992, ATI excavated 230 cubic yards of PCB-contaminated soil from the southeast Fabrication area after non-aqueous-phase PCBs were found in soil at the water table (about 11.5 feet depth). The extent of PCBs was found to be limited to a 30-foot by 30-foot area near the Emergency Services building. No PCB point source for the deep contamination was found within the excavated area. Nine post-excavation confirmation sample results were 1.7 ppm or less. One confirmation sample collected from the west wall had a PCB concentration of 250 ppm. Consistent with past historical road surface oiling practices, discolored soil was observed in the upper 2 feet of the excavation. The silt layer below the surface soil showed no visible or analytical evidence of PCB contamination.

V2 Pond. The V-2 pond contained metal precipitates and lime solids. Use of the pond ended in 1979, and V2 solids were removed in 1989.

Each of the remediated areas is also shown as previously investigated. In the case of the Front Parking Lot, Former Sand Unloading, and PCB areas, the area investigated is larger than the area excavated.

Fabrication Acid Courtyard. In 2016, ATI excavated and treated 1500 cubic yards of VOC contaminated soil from the Acid Sump Courtyard in the northeast Fabrication area as part of a source removal action.

Feed Makeup Area. In 2020, ATI excavated approximately 1900 cubic yards of radionuclide contaminated soil from north of the old Feed Deck in the north extraction.

2.2.3 Gamma Radiation and PCBs under the OU2 ROD

Radionuclide contamination is present in soil from the zircon sand used at the facility. The soil remedy under the OU2 ROD requires excavation of material exceeding the gamma radiation action level of 30.5 μR/hr (20 μR/hr above the background level of 10.5 μR/hr). The RI found no unacceptable human health risks to radionuclides outside the two remediated areas.

PCBs are present in sitewide surface soil from past road-oiling practices. As previously noted, PCB levels in surface and subsurface soils were characterized during the RI. PCB concentrations up to 250 ppm were left behind in subsurface soil within the PCB removal area. Outside the PCB removal area, PCB concentrations up to 9.2 mg/kg were detected in surface soil, and concentrations up to 150 mg/kg were detected in subsurface soil. The risk assessment found that these levels posed no unacceptable human health risk. An unacceptable ecological risk was identified and addressed through the Truax Creek sediment removal action. Since the RI, no PCB concentrations greater than 150 mg/kg have been left in place.

The soil remedy under the OU2 ROD requires that information on areas of subsurface PCB and radionuclide contamination that do not pose a risk if they are not disturbed be incorporated into the ATI facility's maintenance plan, and be made available to future site purchasers or regulatory agencies. The ROD recognizes that contaminated soil remains onsite and requires that, should an excavation occur and it is discovered to contain elevated concentrations of radionuclides or PCBs, the excavated material will require proper handling and disposal.

Under the EEP, ATI tests all excavated soils for PCBs, and for radionuclides if indicated by field tests, to characterize soil for disposal purposes. Most of the soil tested from excavations contains PCB levels ranging from non-detect to less than 50 mg/kg. Occasionally, excavated soil exceeds the 50 mg/kg Toxic Substances Control Act (TSCA) limit for non-hazardous solid waste, or requires special disposal as naturally occurring radioactive material (NORM), in accordance with the requirements of the ROD.

Under the 1998 protocol, characterization of contamination left in place was determined through sampling of the excavated soil. It is probable that contaminated soil at excavations requiring special disposal were localized and fully removed during the excavations, and do not represent a groundwater or occupational exposure risk. Under the 2005 protocol, characterization of contamination left in place is determined by collection and analysis of samples at the excavation base.

3. Results Summary for 1997 to 2020

This report represents the first complete excavation data analysis, and looks at all ERNs to date for the ATI property under the CERCLA program. ERNs are numbered by the last two digits of the year first (i.e., 19-, 20-), then sequentially beginning with the number 001. The same ERN sequence is used for multiple ATI facilities in Oregon; ERNs for non-CERCLA facilities are not included in this report.

3.1 Summary of Results

Between September 1, 1997, and December 31, 2020, a total of 898 excavations were performed at locations distributed throughout the site, with over 23,255 cubic yards of soil removed and disposed. Soil from 94 percent of these excavations tested non-hazardous and required no special disposal. Soil from only 6 percent of the excavations (54 excavations) generated soil or debris that required treatment or special disposal. Of these 54 excavations, testing results found PCBs (28 excavations), MIBK (11 excavations), radionuclides (9 excavations) or other constituents such as HCB or CVOCs (6 excavations) at levels requiring treatment or special disposal. Excavations that required treatment or special disposal are listed in Table 3-1 and shown on Figures 3-1 to 3-4.

Excavations performed at the site are generally shallow and do not extend below the water table. On average, less than one excavation per year extends below the water table. These excavations are generally for the installation of a new building or retrofit of an existing building to a new function.

3.1.1 Metals

No sources of metal contamination in groundwater have been identified through the excavation program.

3.1.2 Organic Compounds

CVOCs have been present in excavations in the South Extraction Area, Former Crucible Cleaning Area, and Fabrication Acid Sump Courtyard Area. Elevated levels of CVOCs have not been detected in the top four feet of material. The presence of CVOCs in these areas was initially determined through groundwater sampling data. No additional sources of CVOCs have been identified through the excavation program.

3.1.3 Radionuclides

Levels of radionuclides above background have been detected in Schmidt Lake, EBMS/Cogen/Mobile Shop Area, Feed Makeup Area, South Extraction Area, and Fabrication Round Products. Material in the Feed Makeup Area is a potential impact to the groundwater remedy. The presence of radionuclides in the Feed Makeup Area was initially determined through review of groundwater sampling data. No additional impacts to groundwater from radionuclides have been identified through the excavation program.

3.1.4 PCBs

Low levels of PCBs have been broadly found in excavations on the site due. Levels are generally below the TSCA disposal management limit of 50 mg/kg. Areas with levels above 50 mg/kg are detailed below. One area, the Emergency Service Building, was identified as having the potential to impact groundwater. Remediation was completed in 1992. No additional impacts to groundwater from PCBs have been identified through the excavation program.

Excavations near Building 1

Historically, equipment containing PCBs was temporarily located outside of Building 1 where Buildings 53, 54, and 82 are now located. Base samples confirm that remaining PCB levels pose no unacceptable risk to human health (based on the risk assessment conducted in the RI/FS).

Excavations in Emergency Services Building Area

As discussed in Section 2.2.2, the Emergency Services area was investigated during the RI/FS, and remediation for PCBs was completed east of the Emergency Services building (Building 38) in 1992. PCB concentrations ranged from non-detect to 250 mg/kg in soil left in place after the 1992 soil removal.

Excavations near the Mobile Shop (Building 73A)

Similar to Building 1, historically, equipment containing PCBs was temporarily located outside of the Mobile Shop while undergoing repairs.

3.2 Conclusions

Based on a review of surface and subsurface investigation conducted during the RI, and excavations performed between September 1, 1997, and December 31, 2020, ATI believes site characterization for surface and shallow subsurface soil (0-4 ft bgs) is complete, with the exception of beneath Pond 1B, Pond 2, and the Cooling Water Pond. Areas with potential contamination have been identified and documented (see Figures 3-1 to 3-4).

3.3 Recommendations

ATI recommends the following:

- Incorporate Figures 3-1 to 3-4 into the facility plant standard for excavations (PS-14). This will ensure the information is readily available to and reviewed by relevant positions.
- Revise the Environmental Evaluation protocol to only require onsite excavation screening and sampling when 1) the excavation is occurring in an area of identified contamination, 2) the excavation is occurring beneath one of the identified ponds, or 3) the excavation depth is greater than 4 feet.
- Discontinue the Biennial Report of Environmental Evaluations. Include new onsite information, as detailed above, in the annual sitewide report.

Figures

FIGURE 2-1
Determining the Need for an Environmental Evaluation

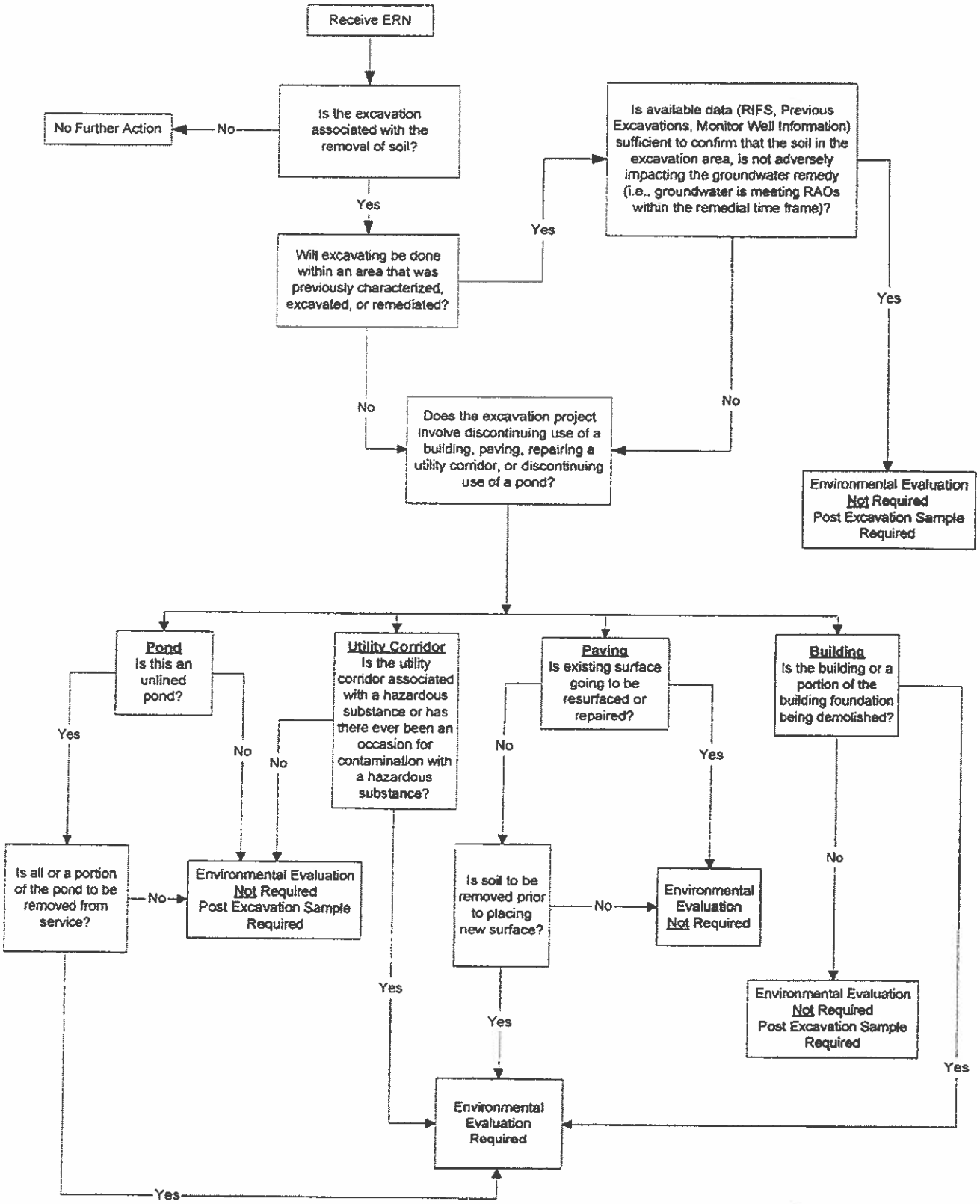


FIGURE 2-2
Determining Excavation Sample Requirements

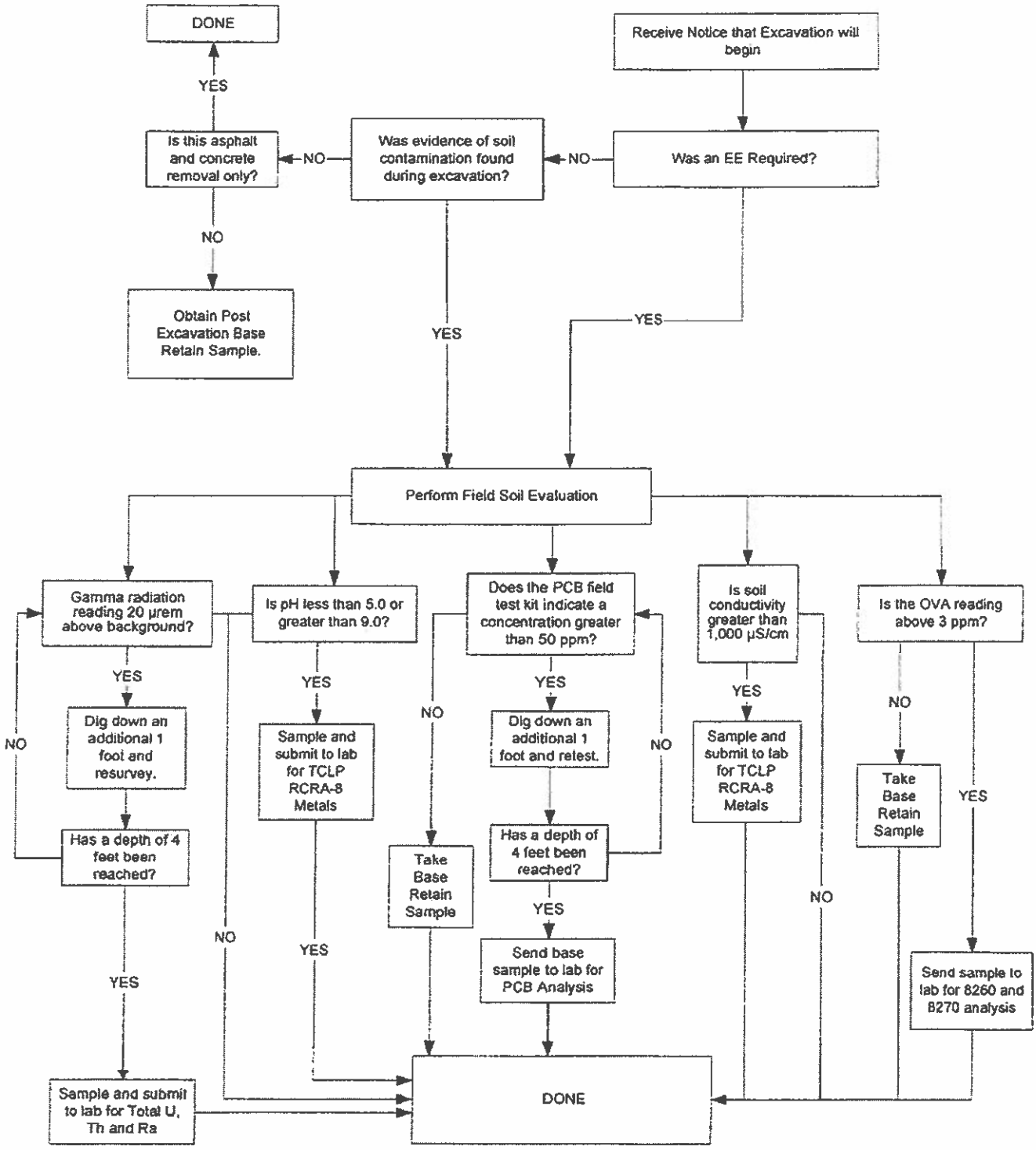
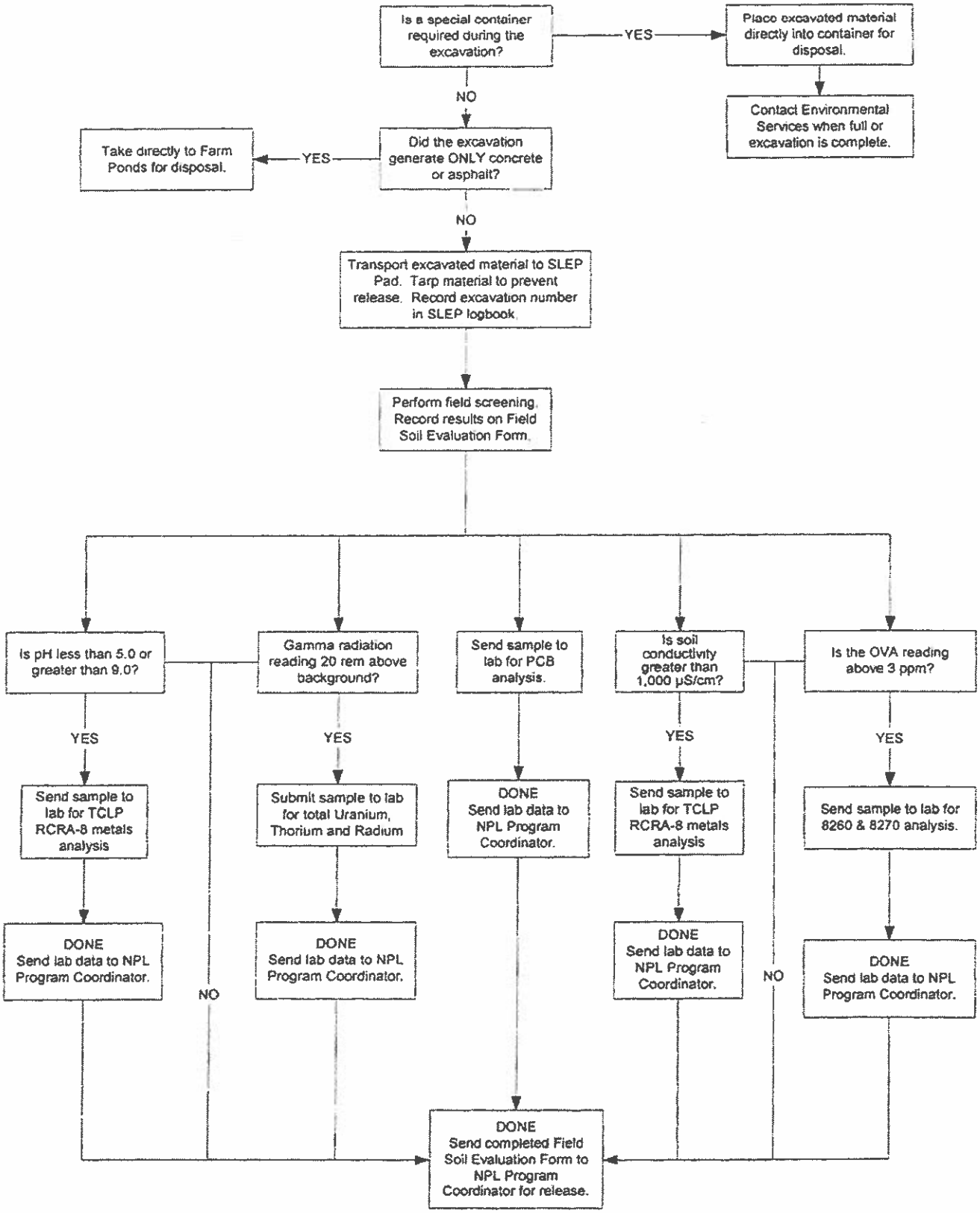


FIGURE 2-3
Determining Excavated Material Disposal on the SLEP Pad



Tables

Table 3-1: Summary of Excavations Requiring Special Disposal

			Concentration				
ERN	Location	Category	PCBs (mg/kg)	Radionuclides (pCi/g)	CVOCs (mg/kg)	MIBK (mg/kg)	HCB (mg/Kg)
07-065	FCCA	CVOCs	--	--	Elevated	--	--
07-066	Acid Sump Area	CVOCs	--	--	Elevated	--	--
16-021	Acid Sump Area	CVOCs	--	--	ND (DNAPL prior to treatment)	--	--
03-006	Separations	HCB	--	--	--	--	--
02-023	Separations	MIBK	--	--	--	--	--
02-042	Separations	MIBK	--	--	--	--	--
03-023	Separations	MIBK	--	--	--	15	--
03-029	Separations	MIBK	--	--	--	--	--
01-025	Separations	PCBs	--	--	--	--	--
02-034	T-10	PCBs	242	--	--	--	--
03-022	Powder Met	PCBs	165	--	--	--	--
03-028	Bldg. 22	PCBs	186	--	--	--	--
03-064	Medical Center	PCBs	91	--	--	--	--
04-025	Building 1 Complex	PCBs	568	--	--	--	--
04-048	Building 1 Complex	PCBs	98.9	--	--	--	--
05-001	Bldg 132	PCBs	79.6	--	--	--	--
05-053	Medical Center	PCBs	125.7	--	--	--	--
06-003	Medical Center	PCBs	380	--	--	--	--
06-006	Powder Met	PCBs	2260	--	--	--	--
06-019	Powder Met	PCBs	54	--	--	--	--
06-041	Building 1 Complex	PCBs	111.9	--	--	--	--
06-051	Powder Met	PCBs	57.2	--	--	--	--
07-051	South Extraction Area	PCBs	137.1	--	--	--	--
08-056	Bldg 38	PCBs	108	--	--	--	--
08-074	Bldg 73	PCBs	88.30	--	--	--	--
08-082	Building 1 Complex	PCBs	815	--	--	--	--
09-021	Building 1 Complex	PCBs	111	--	--	--	--
09-033	Building 1 Complex	PCBs	412	--	--	--	--
10-002	Building 82	PCBs	93.9	--	--	--	--
13-058	Building 1 Complex	PCBs	ND-65.4	--	--	--	--
13-069		PCBs	227.2	--	--	--	--
01-003	EBMS	Radionuclides	--	--	--	--	--
01-016		Radionuclides	--	--	--	--	--

Table 3-1: Summary of Excavations Requiring Special Disposal

			Concentration				
ERN	**Location**	**Category**	**PCBs (mg/kg)**	**Radionuclides (pCi/g)**	**CVOCs (mg/kg)**	**MIBK (mg/kg)**	**HCB (mg/Kg)**
01-028	Medical Center	Radionuclides	--	--	--	--	--
03-005	EBMS	Radionuclides	--	--	--	--	--
10-020	Schmidt Lake	Radionuclides	--	Ra-226 : 6.25+/-0.84, Ra-228 : 18.9+/-2.4	--	--	--
10-054	South Extraction Area	Radionuclides	--	Ra-226: 3.76 +/-0.50, Ra-228: 21.6 +/-3.1	--	--	--
11-070	Mobile Shop	Radionuclides	--	Ra-226: 21.0+/-2.8, Ra-228: 41.4+/-5.9	--	--	--
11-088	Schmidt Lake	Radionuclides	--	Ra-226: 26.2+/-3.4, Ra-228: 7.73+/-1.2	--	--	--
19-032	Fabrication Round Products	Radionuclides	--	Pending	--	--	--
19-037	South Extraction Area	Radionuclides	--	Pending	--	--	--
19-054	EBMS	Radionuclides	--	Pending	--	--	--
20-046	Feed Makeup Area	Radionuclides	--	Pending	--	--	--

Appendix A
ATI Work Instruction WI-EMO-39

Approved for Distribution
BY QUALITY ASSURANCE

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ATI Wah Chang
Allegheny Technologies

WORK INSTRUCTION

EXCAVATION OF SOILS

WI-EMO-39, Revision 0

August 17, 2005

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EXCAVATION OF SOILS

I. SCOPE

This Work Instruction describes the procedure for the excavation, analysis, and management of soil from the Solids, Extraction and Fabrication Area on the Wah Chang site.

II. SAFETY

A. Hazards

Soil may contain a variety of chemical constituents, including but not limited to Polychlorinated Biphenyls (PCBs), Radionuclides (uranium, thorium and radium), Metals and Solvents (chlorinated solvents and methyl isobutyl ketone [MIBK]). Exposure to soil should be limited and followed by good hygiene practices.

B. Safety Equipment

Proper PPE must be worn at all times. Minimum plant PPE standards include, but are not limited to, hard hats, safety glasses, and steel-toe shoes. If additional PPE is required, the excavation requestor will be notified of additional PPE requirements. Excavation of soil typically involves heavy equipment. Eye contact with the equipment operator must be obtained prior to approaching an excavator.

C. Liquid Management

All liquids encountered or generated during an excavation activity must be directed to the Central Wastewater Treatment system.

D. Fires

Excavations could potentially uncover flammable metals such as magnesium, zirconium and hafnium. If a metal fire occurs, DO NOT USE WATER, cover the metal fire with soil and contact the Excavation Coordinator.

E. Cleanup and Decontamination

Maintaining good housekeeping is essential and mandatory. All soil piles taken to the SLEP pad must be covered with plastic. All equipment (excavator, shovels, etc) used during the excavation must be cleaned on the SLEP pad where the water is directed to the Central Wastewater Treatment system.

F. Soil Sampling and Analysis

Excavated material samples will be identified by sample location, collection date, sample number, and excavation number. Samples will be placed in a 500 ml glass jar, wrapped with bubble wrap, and placed in an iced cooler. A chain-of-custody form will be used to track possession and document analysis requirements.

III. EXCAVATION REMOVAL NOTICE

A. An Excavation Removal Notice (ERN) must be completed prior to performing any excavation. An ERN is required whenever material (concrete, asphalt, and soil) will be removed from the earth's surface or removed to expose the earth's surface. In the event of an emergency excavation, the ERN will be completed as soon as practical.

B. An ERN is not required for the routine repair of roadways and working surfaces. Routine repairs include potholes and cracks.

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IV. ENVIRONMENTAL EVALUATIONS & SOIL SAMPLING

A. Soil sampling will be performed at the base of ALL excavations. However, not all samples will undergo an environmental evaluation or be submitted to the laboratory for analysis. Examples of excavations that would not require an Environmental Evaluation includes but is not limited,

1. Railroad crossings: Railroad crossings are routinely repaired with excavations removing fill material (rocks, soil, clean fill, etc.)
2. Areas located within Wah Chang that have not seen manufacturing activities (i.e., East of Old Salem Road, far Northern section of the Fabrication area)
3. Excavations directly over previous excavations
4. Excavations located up-gradient to monitor wells that meet the Remedial Action Objectives,
5. Excavations replacing an asphalt and/or concrete roadway
6. Excavations that do not fully or partially remove the foundation of a building.

B. An onsite environmental evaluation that includes field-testing of soil will be performed for select excavations to document residual soil contamination remaining at the base of the excavation footprint. Figure 1-1 (Attachment 1) details when the environmental evaluation protocol will be performed at the base of an excavation. Figure 1-2 (Attachment 2) details what action will be taken based on the onsite field-screening results. Figure 1-3 (Attachment 3) details excavated soil screening and characterization prior to disposal. The onsite environmental evaluations will include:

1. Soil slurry pH
2. Soil slurry conductivity
3. Gamma radiation measurements
4. Organic vapor analysis (OVA)
5. Polychlorinated Biphenyls (PCBs)

C. For excavations that will generate ONLY asphalt and/or concrete, the excavated material is considered non-hazardous, and will be taken directly to the Farm Ponds for disposal.

V. ONSITE EXCAVATION PROTOCOLS

A. During all excavations, if material (i.e., black sand, chlorination residue, oily soil, etc.) with an appearance other than the soil types typically encountered onsite is observed, the excavator will immediately contact the NPL Program Coordinator. The NPL Program Coordinator will evaluate the situation and provide the excavator with further directions.

B. If the excavation did NOT require an environmental evaluation, a complete environmental evaluation will be performed once the excavation is complete. All attempts will be taken to keep soil and unidentified materials separated on the SLEP Pad.

C. For excavations NOT requiring an environmental evaluation:

1. Composite soil samples will be collected from the base of the excavation by combining six soil samples collected from six discrete locations for every 20 x 20 foot grid, and will be retained for future analysis, if required. Concrete, asphalt, rock, and debris will be screened from the soil, the soil homogenized, and a retain sample placed in a 1-liter glass jar.
2. If soil sampling on the SLEP pad indicates greater than 100 ppm PCBs, the retain sample will be submitted to the laboratory for PCB analysis.

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3. If soil sampling on the SLEP pad indicates gamma emissions greater than 30 μrem/hr, the retain sample will be submitted to a laboratory for uranium, thorium and radium-226 analysis.
4. If soil sampling on the SLEP pad indicates OVA emissions greater than 3 ppm, the retain sample will be submitted to a laboratory for volatile 8260 and semi-volatile 8270 analysis.

D. For excavations requiring an environmental evaluation:

1. Photographs of the excavation are required.
2. Soil at the base of the excavation will be field-screened for organic vapors and gamma radiation.
3. Composite soil samples will be collected from the base of the excavation by combining six soil samples collected from six discrete locations for every 20 x 20 foot grid, and field screened for pH, conductivity, and PCBs. Concrete, asphalt, rock, and debris will be screened from the soil and the soil homogenized.

E. Analysis and action to be taken based on field-screening results from the base of the excavation are as follows:

1. Organic Vapor Analysis

   A survey will be conducted with an organic vapor analyzer (OVA) to evaluate for the presence of volatile organic compounds in soil. To collect a reading, place the OVA probe directly above the base of the excavation as close as practicable without actual contact with the soil. If the OVA reading is greater than 3 ppm above background (ambient air in the project area), grab samples will be collected by combining six soil samples collected from six discrete locations for every 20 x 20 foot grid, and submitted for 8260 and 8270 analysis. Samples will not be composited to minimize VOC loss during sampling.

   For soil samples that must be collected using a backhoe, scrape away the top 2-3 inches of soil and collect the required vapor reading or laboratory sample from the newly-exposed soil.

2. Gamma Radiation

   Gamma radiation will be determined using a Ludlem Model 12 gamma survey meter or its equivalent. The survey will consist of sweeping the meter 3 feet (1 meter) above the surface of the excavation.

   If the surface gamma radiation reading is less than 20 μR/hr above background averaged over 100 square meters, then it will not be considered radioactive. If it is greater than 20 μR/hr above background averaged over 100 square meters, an additional 1 foot soil will be removed from the excavation footprint and the base retested. Once a depth of 4 feet has been reached, no additional soil will be removed. If after 4 feet, the gamma radiation is greater than 20 μR/hr above background averaged over 100 square meters, grab samples will be collected by combining six soil samples collected from six discrete locations for every 100 square meters, and submitted to the laboratory for uranium, thorium, and radium-226 and 228 analyses.

F. Analysis and action to be taken for the composite sample collected from the excavation base are as follows:

1. Soil Slurry pH

   A calibrated pH meter will be used to check soil pH of the composite soil sample. Place 1 part soil into 5 parts deionized water by volume and shake. If the pH is less than 5.0 or greater than 9.0, a sample will be submitted to the laboratory for TCLP RCRA-8 metals analysis.

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2. Soil Slurry Conductivity

   A calibrated conductivity meter will be used to check the conductivity of the composite soil sample. Place 1 part soil into 5 parts deionized water by volume and shake. If the conductivity is greater than 1,000 μS/cm, a sample will be submitted to the laboratory for TCLP RCRA-8 metals analysis.

3. Polychlorinated Biphenyls (PCBs)

   Using the CHLOR-N-SOIL test kit, determine if the PCB concentration of the composite soil sample is greater than 50 ppm. If the result is greater than 50 ppm, an additional 1 foot soil will be removed from the excavation footprint and the base retested. Once the test kit result is less than 50 ppm PCB's or a depth of 4 feet has been reached, no additional soil will be excavated. A sample will be collected from the excavation base and submitted to the laboratory for PCB analysis.

VI. SLEP PAD SOIL CHARACTERIZATION

A. All excavated soil and segregated materials (waste and/or soil separated based on visual appearance or field screening data) staged on the SLEP Pad will undergo characterization. Figure 1-3 (Attachments 2-4) details the characterization steps for all excavated materials on the SLEP Pad. Composite samples will be generated by combining three samples collected from three discrete locations for every 20 cubic yards of excavated material. Concrete, asphalt, rock, and debris will be screened from the soil composite and the soil homogenized.

B. Analysis and action to be taken based on field-screening results are as follows:

1. Organic Vapor Analysis

   A survey will be conducted with an organic vapor analyzer (OVA) to evaluate for the presence of volatile organic compounds in soil. The survey will consist of removing soil from the surface of the stockpile using a shovel or hand trowel to form a hole. To collect a reading, place the OVA probe into the hole, as close as practicable without actual contact with the soil. If the OVA reading is greater than 3 ppm above background (ambient air on the SLEP Pad) three grab samples for every 20 cubic yards of excavated material will be collected as a single composite and submitted to a laboratory for 8260 and 8270 analysis. Samples will not be composited to minimize VOC loss during sampling.

2. Gamma Radiation

   Gamma radiation will be determined using a Ludlem Model 12 gamma survey meter or its equivalent. The survey will consist of sweeping the surface of the material with the instrument. If the surface gamma radiation reading is less than 20 μR/hr above background, then it will not be considered radioactive. If it is greater than 20 μR/hr, a composite sample will be submitted to a laboratory for uranium, thorium, and radium-226 and 228 analyses to determine disposal options.

C. Analysis and action to be taken for the composite sample collected from the soil piles are as follows:

1. Soil Slurry pH

   A calibrated pH meter will be used to check soil pH of the composite soil sample. Place 1 part soil into 5 parts deionized water by volume and shake. If the pH is less than 5.0 or greater than 9.0 a sample will be submitted to a laboratory for TCLP RCRA 8 metals analysis.

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2. Soil Slurry Conductivity

   A calibrated conductivity meter will be used to check the conductivity of the composite soil sample. Place 1 part soil into 5 parts deionized water by volume and shake. If the conductivity is greater than 1,000 μS/cm, a sample will be submitted to a laboratory for TCLP RCRA 8 metals analysis.

3. Polychlorinated Biphenyls (PCBs)

   Samples from all excavations will be submitted to a laboratory for PCB analysis.

   Once laboratory results are received, forward the information, along with the Field Soil Evaluation Form, to the NPL Program Coordinator who will determine soil disposal. Disposal of soil will follow WI-EMO-26 – Operational Procedures for Handling Excavation / Demolition Tailings.

VII. BIENNIAL REPORT OF EXCAVATIONS

A. On a biennial basis, Wah Chang will provide the EPA with a summary of excavations that occur in the Solids, Extraction, and Fabrication Area. The biennial report is due to the EPA by April 1 of every even numbered year covering excavations that occurred over the past 2-year period. A format and information in the report includes:

1. Section 1 - Introduction

   The Introduction will summarize the contents of the report, relevant background information, such as references to documents or correspondence with EPA, changes to the protocol or Wah Chang's implementation of the protocol, new developments or significant events related to site such as remediation performed, SWMU's closed, and contamination discovered since the last report was submitted.

2. Section 2 - Methods

   The Methods Section will include a brief summary of how the environmental protocol is implemented, presented as a series of flow charts. In addition, a list of previously characterized and remediated areas will be provided, as well as a map showing the locations of these areas.

3. Section 3 - Results Summary

   The Results Section will include a map of all excavation locations and table summarizing excavations performed during the reporting period. Excavations requiring environmental evaluation will be identified. Field screening and laboratory sample results, an assessment of potential groundwater impacts, contamination left in place, and cleanup actions performed will be summarized in tables.

   Where required, additional discussion will be provided in the text to clarify results provided in the tables. An assessment of potential impacts to groundwater will be included.

B. Tables

1. Table(s) showing the following information for all excavations:
   a. Wah Chang Excavation Removal Notification (ERN) number
   b. Sector of plant and location description
   c. Description of excavation and project activity
   d. Whether the excavation located in a previously-investigated area (yes/no)
   e. Have downgradient monitor wells achieved RAOs (yes/no/no wells)
   f. Whether an environmental evaluation was required (yes/no)
   g. Indicate why environmental evaluation was/was not required.
   h. Estimated volume of soil excavated
   i. Soil and/or visually contaminated material management / disposal

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2. Table(s) summarizing existing data, sampling performed for the excavations requiring an environmental evaluation as depicted in Figure 1-1 (Attachment 2), and sampling results. The tables will include the following information:
   a. Wah Chang Excavation Removal Notification (ERN) number
   b. Sector of plant and location description
   c. Description of excavation and project activity
   d. Soil and groundwater characterization data from previous investigations
   e. Sampling performed (field and lab parameters) and sample location (on site or stockpile)
   f. Post excavation (onsite base sample) and SLEP Pad field screening and laboratory results
   g. Comparison of PCB field test kit data with laboratory analytical data
   h. Was contamination found, and what are the potential impacts to the groundwater remedy
   i. Cleanup actions performed (e.g., excavated to clean soil)
   j. Description of any visible contamination left in place

C. Figures

1. Flow charts showing steps taken in implementing the environmental evaluation protocol
2. Map showing locations of all excavations for the 2-year period and previously characterized or remediated areas

D. Appendix

Copies of the ERN's will be included in an Appendix for those excavations where potential groundwater sources were identified, removal actions were performed, or significant contamination was left in place.

VIII. REFERENCES

A. WI-EMO-26 – Operational Procedures for Handling Excavation / Demolition Tailings

B. Sections 5.2.6.3 and 5.2.6.4 of the Scope of Work Environmental Evaluation Protocol and Biennial Reporting 9/19/96 (Attachment 1).

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ATTACHMENT 1 (Page 1 of 2)

Section 5.2.6.3 taken directly from the Scope of Work for Remedial Design/Remedial Action Groundwater, Sediments, Surface Soil and Subsurface Soil Teledyne Wah Chang Albany September 19, 1996. Appendix B to the Wah Chang Consent Decree.

5.2.6.3 Preparation and Submittal of Environmental Evaluation Protocol

Environmental evaluation protocol will be prepared for submittal to the EPA for review and comment. Individual plans are not required for each individual event. However, TWC may submit individual plans to EPA and DEQ for review and comment. The protocol will consist of a series of evaluations to determine if groundwater has been impacted in the project area, as described below.

Evaluation of Area Prior to Construction. Existing environmental records will be evaluated to determine if any releases to soil may have occurred within the project area. Soils that will be excavated or disturbed during the project may be sampled and analyzed as part of this evaluation if the area is suspected to be a source to groundwater. The field screening and laboratory methods to be used will be detailed in the SAP that will be submitted as part of the environmental evaluation protocol.

Evaluation of Area During Construction. During the excavation, the soils will be evaluated for visual indications of contamination. If contamination is suspected, field screening will be conducted to confirm the presence or absence of contamination. Additional sampling and laboratory analysis will be conducted as necessary to characterize site conditions. Depending on the project circumstances and the nature of the contamination encountered, cleanup activities may be conducted at that time. Any contamination left in place will be documented.

[*]**Management and Disposal of Contaminated Soils.** Contaminated soils removed from an excavation will be characterized according to the excavation management program protocol and applicable environmental regulations. Disposal will meet applicable regulatory requirements. For example, if the soil is not suspected to be a hazardous or TSCA waste, the soil will be placed on a sealed surface (such as asphalt or concrete) at the TWC site with runoff directed to the CWTS until characterization is complete. If soils are suspected of being a hazardous or TSCA waste, the soils will be managed as such during and after excavation (i.e., a rolloff box will be maintained onsite to receive such wastes during an excavation project. If a soil is not previously suspected of being to be hazardous is later determined to be hazardous after a complete characterization is made, the soil will be managed according to its characteristic status at the time the determination is made).

The protocol also will include the SAP, QAPP, and HSP to support these activities. The SAP and QAPP will conform to the requirements of SW-846. Field screening for chemical and radioactive contaminants using methods in SW-846 may be used to determine if contamination had occurred if it is necessary to sample soils. Soils indicated to be contaminated by field screening will require further sampling and laboratory analyses. TCLP protocol will be used for RCRA characterization as well as a method to determine the potential for the soil to contaminate the groundwater.
Records of all evaluations, field measurements, sample collection notes, analytical results, and management and disposal records will be maintained at the TWC site. These records will be maintained for 10 years and will be available for review by EPA and DEQ at their request.

[*] See WI-EMO-26 - Operational Procedures for Handling Excavation / Demolition Tailings for disposal of soils.

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ATTACHMENT 1 (Page 2 of 2)

5.2.6.4 Biannual Reporting

A biannual report will be submitted to EPA by September 30th of the second year after EPA approval of the protocol. Additional environmental evaluation reports will be submitted every 2 years thereafter by [†]September 30th until site cleanup objectives are achieved.

The biannual report will include the following information:

- A list and location of all excavation projects for the 2-year period.
- A summary of field tests and sampling analyses indicating whether contaminants that could impact groundwater were found.
- Analytical results for those projects in which contaminants were found that may have impacted the groundwater.
- A description of cleanup actions for contaminated areas to minimize impacts to groundwater.
- A summary of the management and disposal of contaminated soils.

[†] The Biennial report due date has been changed from September 30 to April 1 of every even numbered year.

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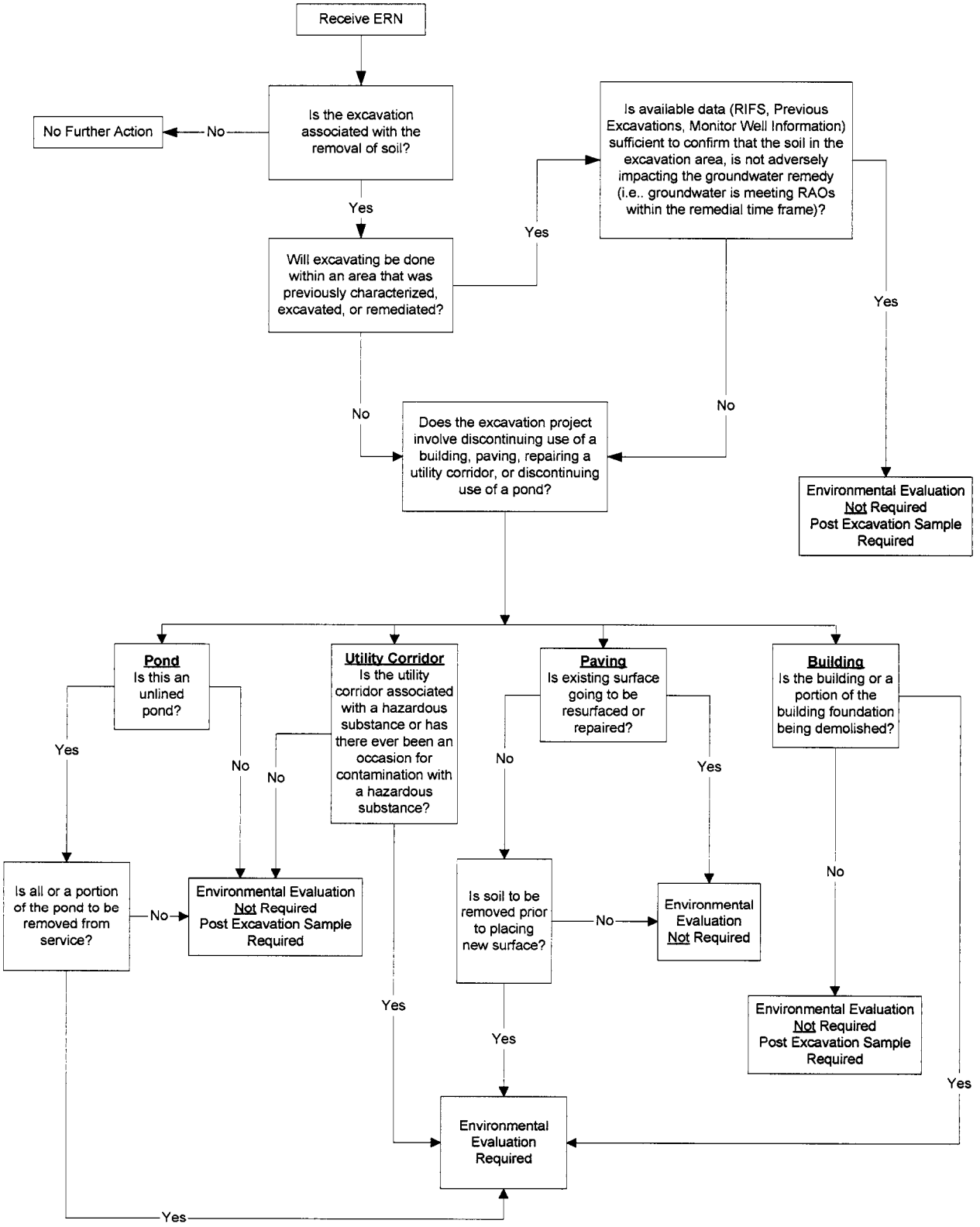
ATTACHMENT 2

Figure 1-1
Determining the Need for an Environmental Evaluation



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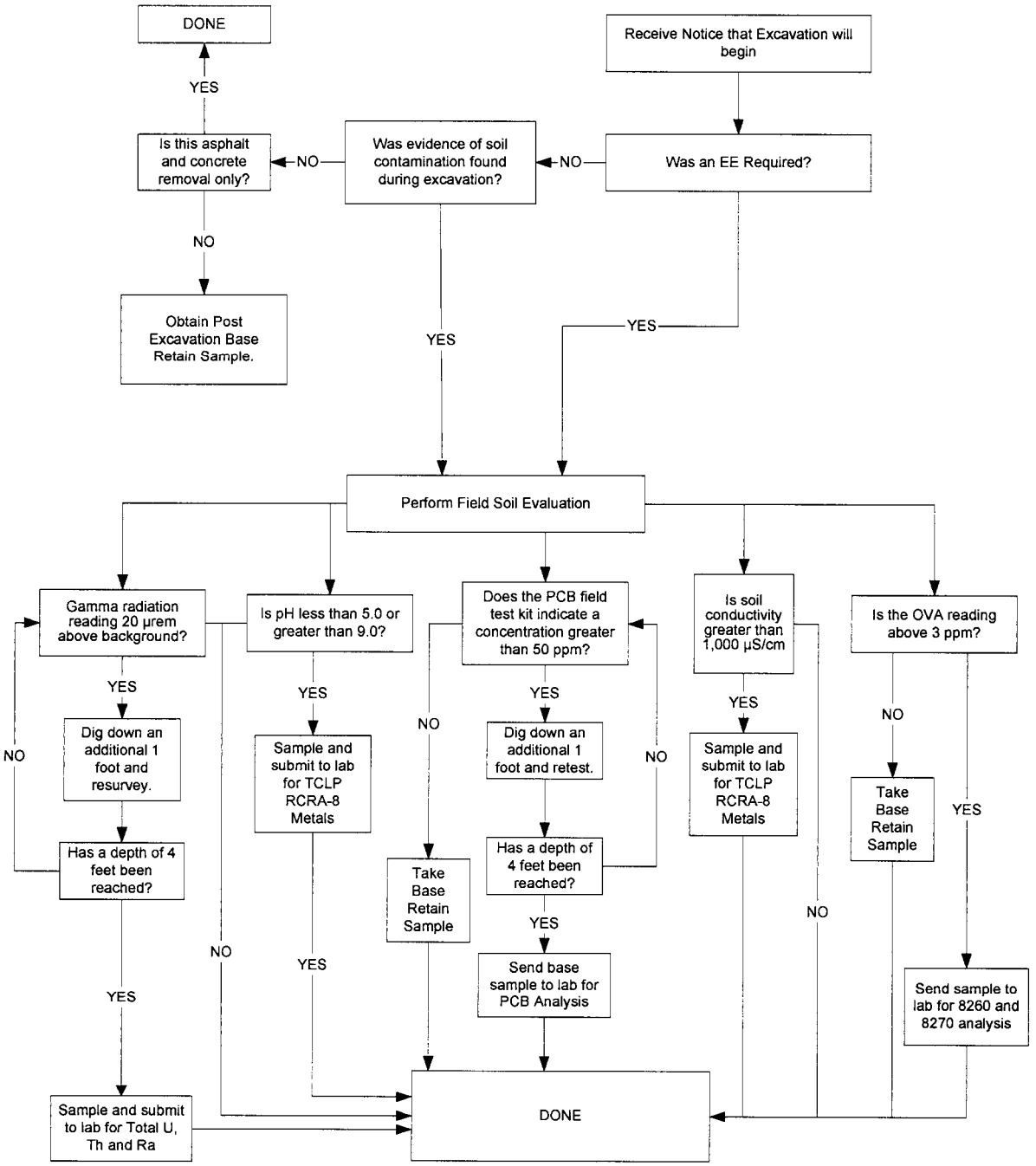
ATTACHMENT 3

Figure 1-2
Determining Excavation Sample Requirements



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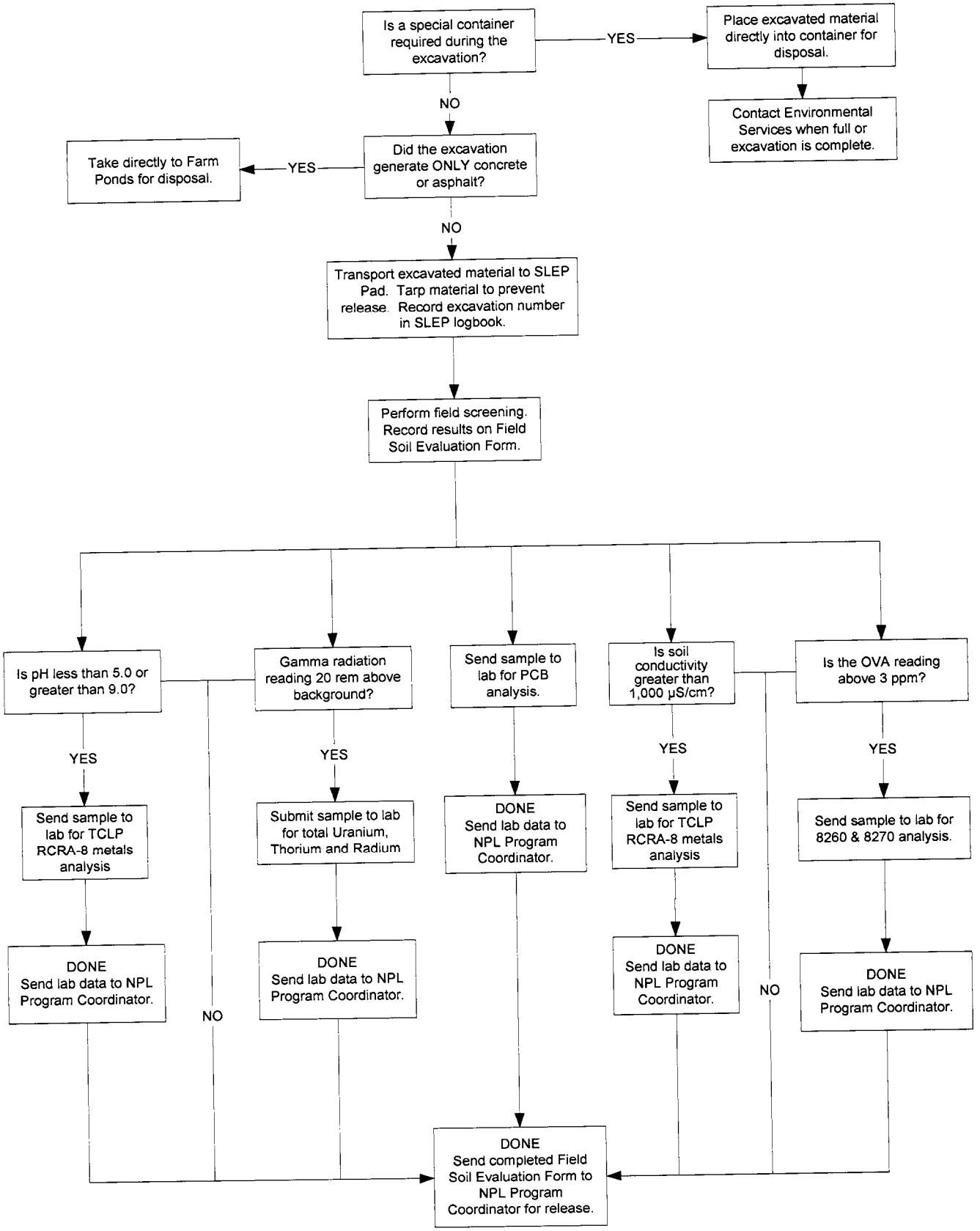
ATTACHMENT 4

Figure 1-3
Determining Excavated Material Disposal on the SLEP Pad



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Appendix B
Previously Investigated Areas

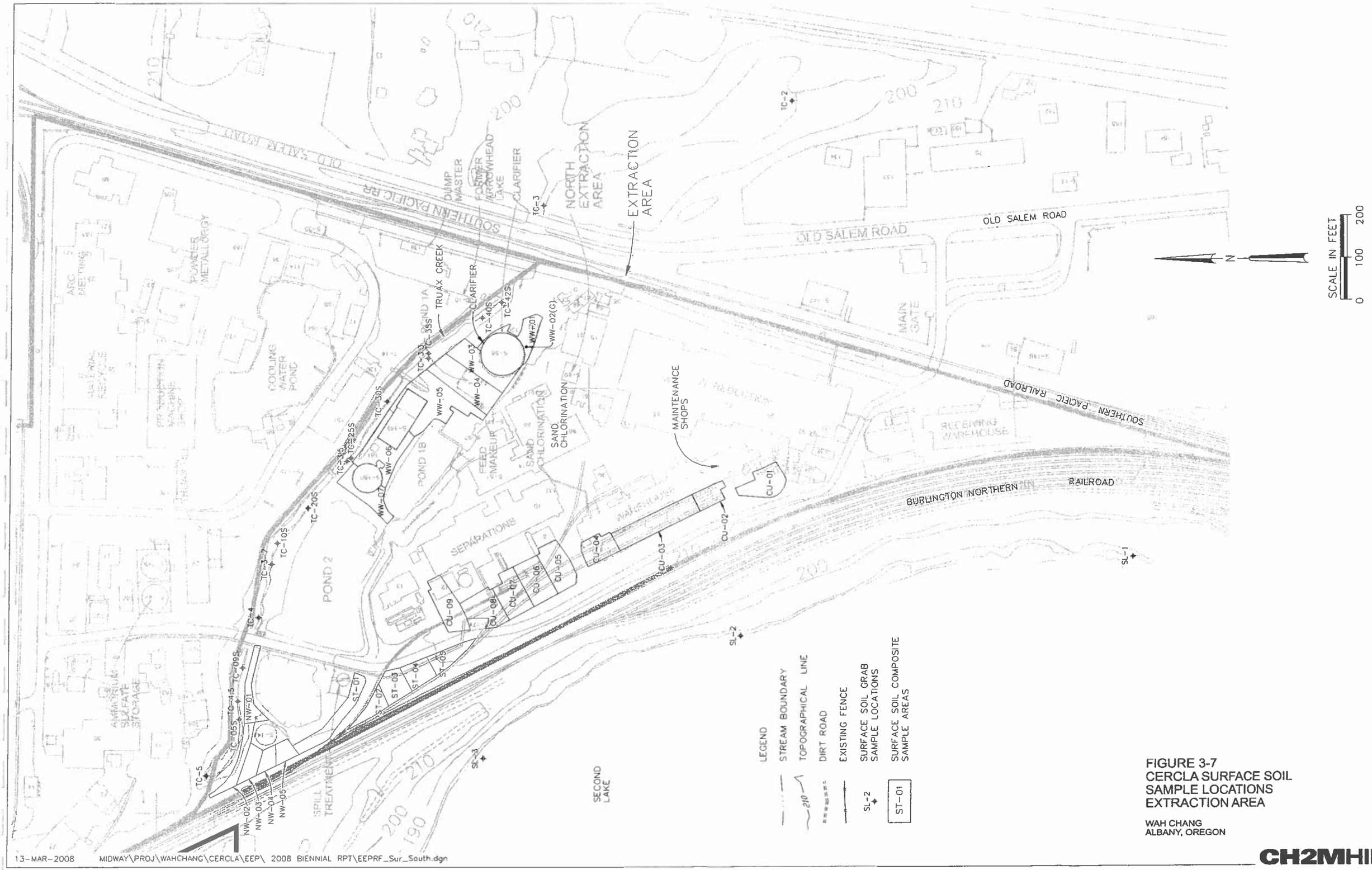


FIGURE 3-7
CERCLA SURFACE SOIL SAMPLE LOCATIONS EXTRACTION AREA

WAH CHANG
ALBANY, OREGON

13-MAR-2008 MIDWAY\PROJ\WAHCHANG\CERCLA\EEP\ 2008 BIENNIAL RPT\EEPRF_Sur_South.dgn

CH2MHILL

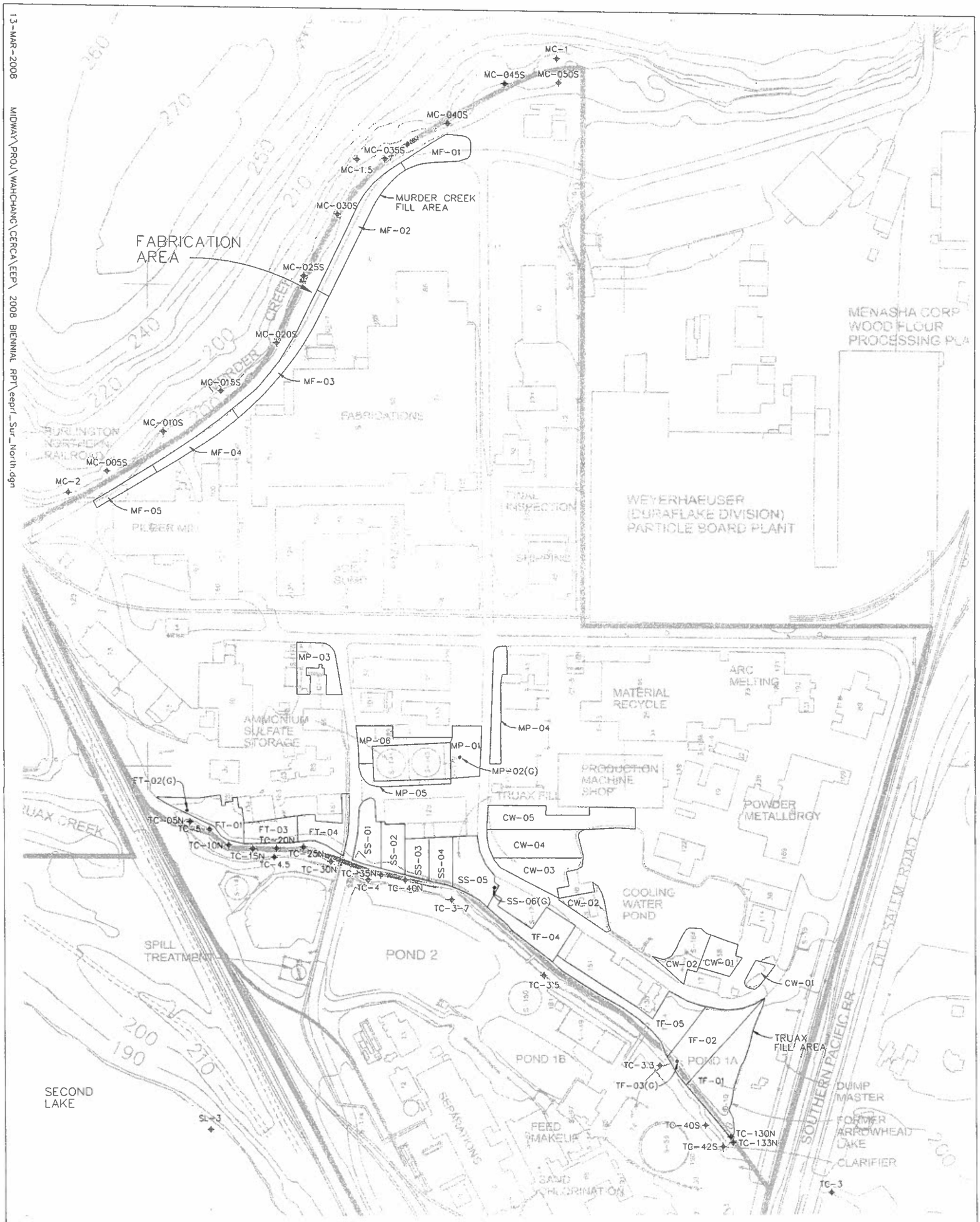
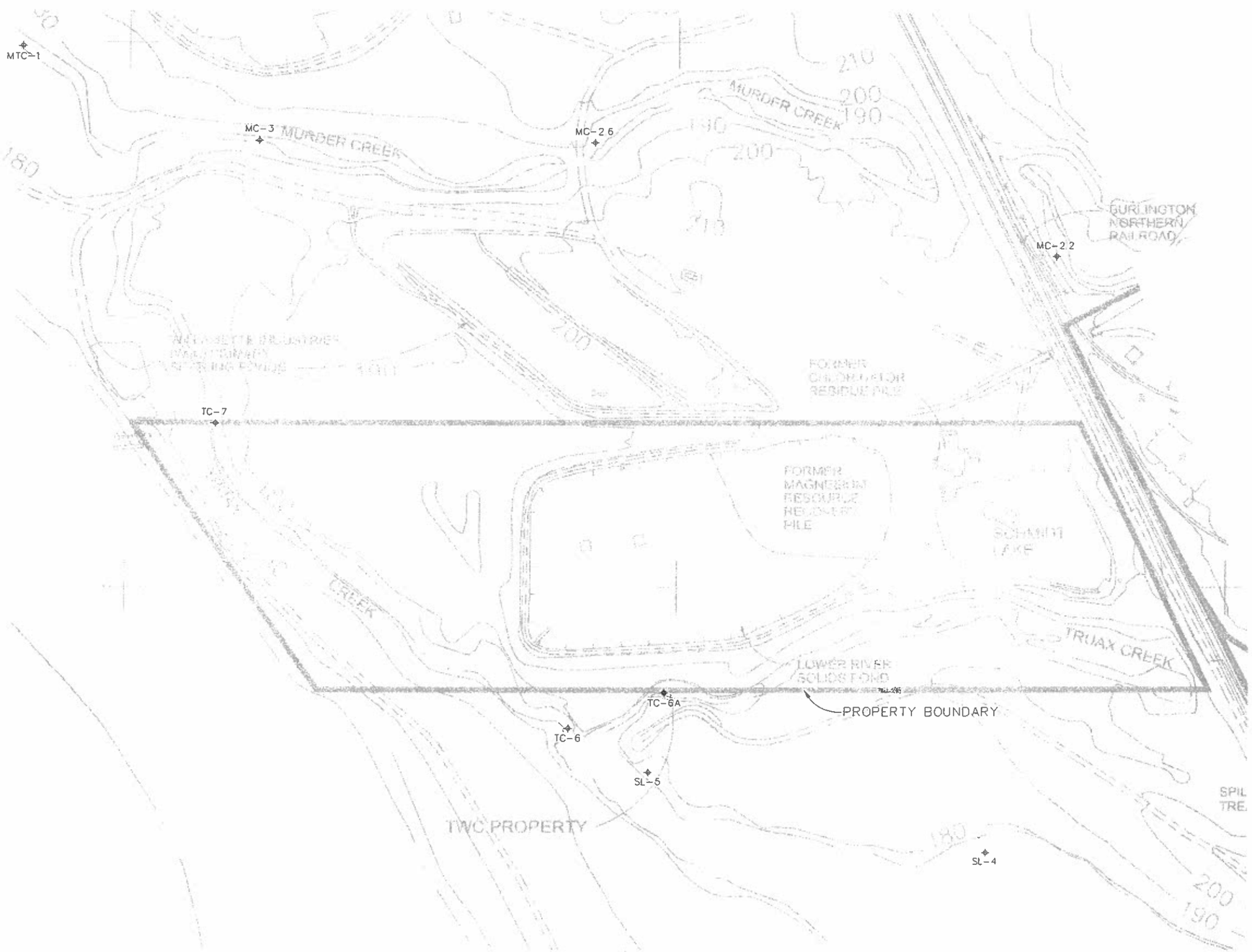


FIGURE 3-8
CERCLA SURFACE SOIL
SAMPLE LOCATIONS
FABRICATION AREA

WAH CHANG
ALBANY, OREGON

CH2MHILL

13-MAR-2008 MIDWAY\PROJ\WAHCHANG\CERCA\EEP\ 2008 BIENNIAL RPT\eeprf_Sur_North.dgn



N

SCALE IN FEET

0 100 200

LEGEND

STREAM BOUNDARY

210 TOPOGRAPHICAL LINE

DIRT ROAD

EXISTING FENCE

SL-4 SURFACE SOIL SAMPLE LOCATION

FIGURE 3-9
CERCLA SURFACE SOIL SAMPLE LOCATIONS SOLIDS AREA

WAH CHANG
ALBANY, OREGON

13-MARCH-2008 MIDWAY\PROJ\WAHCHANG\CERCLA\EEP\ 2008 Biennial Rpt\eeprf_Sur_Solids.dgn

CH2MHILL

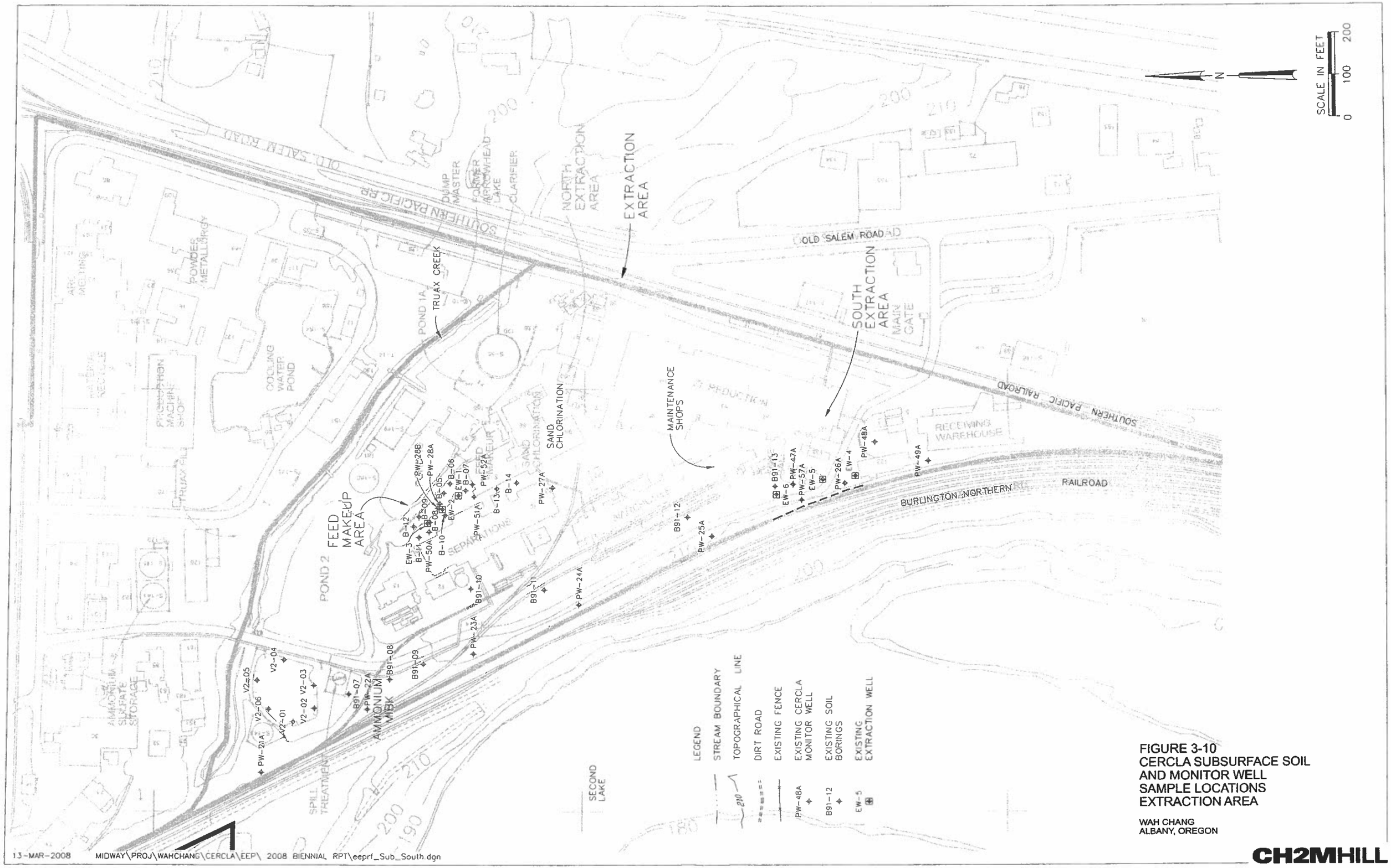


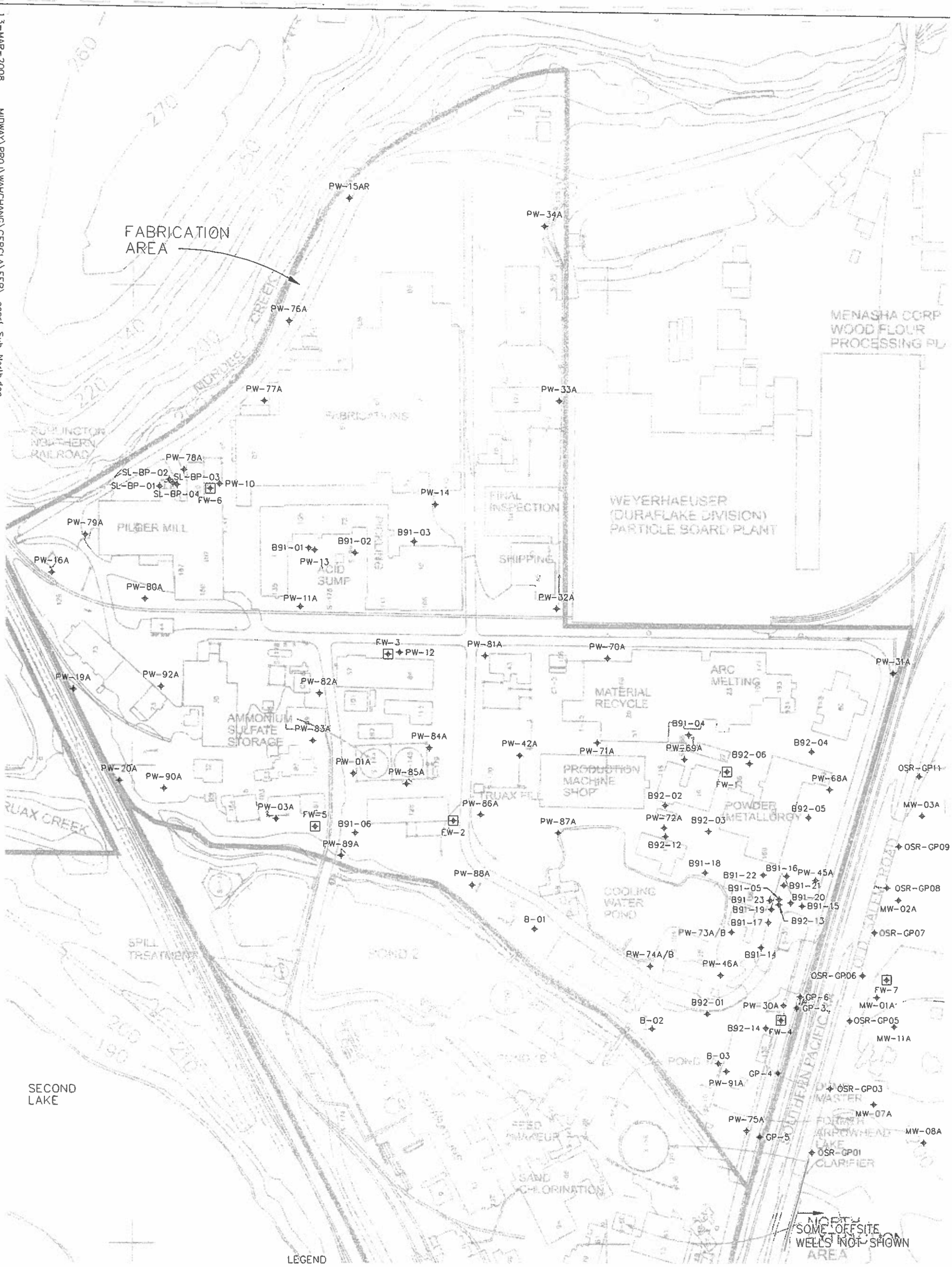
FIGURE 3-10
CERCLA SUBSURFACE SOIL AND MONITOR WELL SAMPLE LOCATIONS EXTRACTION AREA

WAH CHANG
ALBANY, OREGON

CH2MHILL

13-MAR-2008 MIDWAY\PROJ\WAHCHANG\CERCLA\EEP\ 2008 BIENNIAL RPT\eeprf_Sub_South.dgn

13-MAR-2008 MIDWAY\PROJ\WAHCHANG\CERCLA\EEP\ eeprf_Sub_North.dgn



LEGEND

- STREAM BOUNDARY
- 210 TOPOGRAPHICAL LINE
- DIRT ROAD
- EXISTING FENCE
- PW-75A EXISTING CERCLA MONITOR WELL
- B-03 EXISTING SOIL BORINGS

N

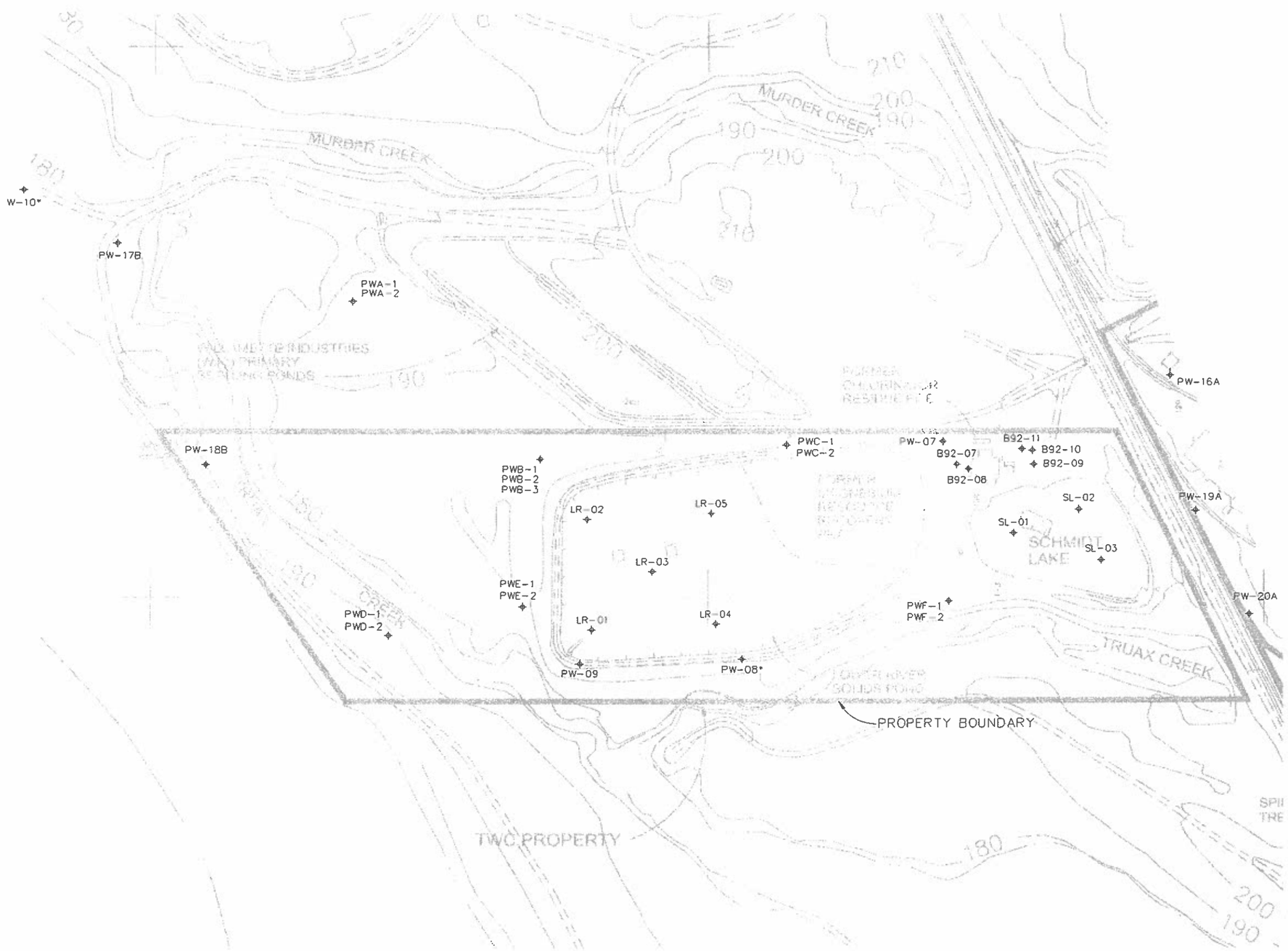
SCALE IN FEET

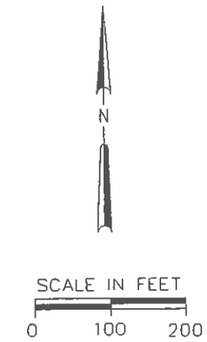
0 100 200

FIGURE 3-11
CERCLA SUBSURFACE SOIL AND MONITOR WELL SAMPLE LOCATIONS FABRICATION AREA

WAH CHANG
ALBANY, OREGON

CH2MHILL





LEGEND

- STREAM BOUNDARY
- TOPOGRAPHICAL LINE
- DIRT ROAD
- EXISTING FENCE
- PW-07 — EXISTING CERCLA MONITOR WELL
- W-10* — WILLAMETTE INDUSTRY MONITOR WELL
- * — ABANDONED WELL
- B92-11 — EXISTING SOIL BORING

FIGURE 3-12
CERCLA SUBSURFACE SOIL AND MONITOR WELL SAMPLE LOCATIONS SOLIDS AREA

WAH CHANG
ALBANY, OREGON

13-MAR-2008 MIDWAY\PROJ\WAHCHANG\CERCLA\EEP\ 2008 BIENNIAL RPT\eeprf_Sub_Solids.dgn

CH2MHILL

TABLE B-1
Well Stations and Sample Type

Location	Well Station	Groundwater Samples	Subsurface Soil Samples
EXTRACTION	PW-25A	X	
EXTRACTION	PW-26A	X	
EXTRACTION	PW-27A	X	X
EXTRACTION	PW-28A	X	X
EXTRACTION	PW-28B	X	
EXTRACTION	PW-29A	X	
EAST PERIMETER	PW-30A	X	
EAST PERIMETER	PW-31A	X	
FABRICATION	PW-32A	X	
FABRICATION	PW-33A	X	
FABRICATION	PW-34A	X	
FABRICATION	PW-42A	X	
EAST PERIMETER	PW-45A	X	X
EAST PERIMETER	PW-46A	X	X
EXTRACTION	PW-47A	X	X
EXTRACTION	PW-48A	X	X
EXTRACTION	PW-49A	X	X
EXTRACTION	PW-50A	X	
EXTRACTION	PW-51A	X	
EXTRACTION	PW-52A	X	
EXTRACTION	PW-57A	X	X
EAST PERIMETER	PW-68A	X	X
EAST PERIMETER	PW-69A	X	X
EAST PERIMETER	PW-70A	X	X
EAST PERIMETER	PW-71A	X	X
EAST PERIMETER	PW-72A	X	X
EAST PERIMETER	PW-73A	X	
EAST PERIMETER	PW-73B	X	X
EAST PERIMETER	PW-74A	X	
EAST PERIMETER	PW-74B	X	X
FABRICATION	PW-75A	X	X
FABRICATION	PW-76A	X	X
FABRICATION	PW-77A	X	X
FABRICATION	PW-78A	X	X
FABRICATION	PW-79A	X	X
FABRICATION	PW-80A	X	X
FABRICATION	PW-81A	X	X
FABRICATION	PW-82A	X	X
FABRICATION	PW-83A	X	X
FABRICATION	PW-84A	X	X
FABRICATION	PW-85A	X	X
FABRICATION	PW-86A	X	X
FABRICATION	PW-87A	X	X
FABRICATION	PW-88A	X	X
FABRICATION	PW-89A	X	X
FABRICATION	PW-90A	X	X
FABRICATION	PW-91A	X	X
FABRICATION	PW-92A	X	X

TABLE B-1
Well Stations and Sample Type

Location	Well Station	Groundwater Samples	Subsurface Soil Samples
FABRICATION	PW-93A	X	X
FABRICATION	PW-94A	X	X
FABRICATION	PW-95A	X	X
SOLIDS	PWA-1	X	
SOLIDS	PWA-2	X	
SOLIDS	PWB-1	X	
SOLIDS	PWB-2	X	
SOLIDS	PWB-3	X	
SOLIDS	PWB-4	X	
SOLIDS	PWC-1	X	
SOLIDS	PWC-2	X	
SOLIDS	PWD-1	X	
SOLIDS	PWD-2	X	
SOLIDS	PWE-1	X	
SOLIDS	PWE-2	X	
SOLIDS	PWF-1	X	
SOLIDS	PWF-2	X	
FABRICATION	PZ-1	X	

TABLE B-1
Well Stations and Sample Type

Location	Well Station	Groundwater Samples	Subsurface Soil Samples
EXTRACTION	EW-1	X	
EXTRACTION	EW-2	X	
EXTRACTION	EW-3	X	
EXTRACTION	EW-4	X	
EXTRACTION	EW-5	X	
EXTRACTION	EW-6	X	
FABRICATION	FW-1	X	X
FABRICATION	FW-2	X	X
FABRICATION	FW-3	X	X
FABRICATION	FW-4	X	
FABRICATION	FW-5	X	
FABRICATION	FW-6	X	X
FABRICATION	FW-7	X	
EAST PERIMETER	MW-01A	X	
EAST PERIMETER	MW-02A	X	
EAST PERIMETER	MW-03A	X	
EAST PERIMETER	MW-04A	X	
EAST PERIMETER	MW-05A	X	
EAST PERIMETER	MW-06A	X	
EAST PERIMETER	MW-07A	X	
EAST PERIMETER	MW-08A	X	
EAST PERIMETER	MW-09A	X	X
EAST PERIMETER	MW-10A	X	
EAST PERIMETER	MW-11A	X	
FABRICATION	PW-01A	X	
FABRICATION	PW-03A	X	X
FABRICATION	PW-04	X	
FABRICATION	PW-05	X	
EXTRACTION	PW-06	X	
SOLIDS	PW-07	X	
SOLIDS	PW-08	X	
SOLIDS	PW-09	X	
FABRICATION	PW-10	X	
FABRICATION	PW-11	X	
FABRICATION	PW-12	X	
FABRICATION	PW-13	X	
FABRICATION	PW-14	X	
FABRICATION	PW-15A	X	
FABRICATION	PW-15AR	X	X
FABRICATION	PW-16A	X	
SOLIDS	PW-17B	X	
SOLIDS	PW-18B	X	
FABRICATION	PW-19A	X	
FABRICATION	PW-20A	X	
EXTRACTION	PW-21A	X	
EXTRACTION	PW-22A	X	
EXTRACTION	PW-23A	X	
EXTRACTION	PW-24A	X	

Appendix C
Excavation Sample Results 1997-2020

ERN No.	Sample Results Exceeding Limits		Volume Excavated		Management
(97-01)	Quantity	Units	Quantity	Units	
97-001	--	--	--	--	--
97-002	--	--	--	--	--
97-003	--	--	--	--	--
97-004	--	--	--	--	--
97-005	--	--	--	--	--
97-006	--	--	--	--	--
97-007	--	--	--	--	--
97-008	--	--	--	--	--
97-009	--	--	--	--	--
97-010	--	--	--	--	--
97-011	--	--	--	--	--
97-012	--	--	--	--	--
97-013	--	--	--	--	--
97-014	--	--	--	--	--
97-015	--	--	--	--	--
97-016	--	--	--	--	--
97-017	--	--	--	--	--
97-018	--	--	--	--	--
97-019	--	--	--	--	--
97-020	--	--	--	--	--
97-021	--	--	--	--	--
97-022	--	--	--	--	--
97-023	--	--	--	--	--
97-024	--	--	--	--	--
97-025	--	--	--	--	--
97-026	--	--	--	--	--
97-027	--	--	--	--	--
97-028	--	--	--	--	--
97-029	--	--	--	--	--
97-030	--	--	--	--	--
97-031	--	--	--	--	--
97-032	--	--	--	--	--
97-033	--	--	--	--	--
97-034	--	--	--	--	--
97-035	--	--	--	--	--
97-036	--	--	--	--	--
97-037	--	--	--	--	--
97-038	--	--	--	--	--
97-039	--	--	--	--	--
97-040	--	--	--	--	--
97-041	--	--	--	--	--
97-042	--	--	--	--	--
97-043	--	--	--	--	--
97-044	--	--	--	--	--
97-045	--	--	--	--	--
97-046	--	--	--	--	--
97-047	--	--	--	--	--
97-048	--	--	--	--	--
97-049	--	--	--	--	--
97-050	--	--	--	--	--
97-051	--	--	--	--	--
97-052	--	--	--	--	--
97-053	--	--	--	--	--
97-054	--	--	--	--	--
97-055	--	--	--	--	--
97-056	--	--	--	--	--
97-057	--	--	--	--	--
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99-044	--	--	--	--	--
99-045	--	--	--	--	--
99-046	--	--	--	--	--
99-047	--	--	0	cy	Soil placed back in hole.
99-048	--	--	--	--	--
99-049	--	--	--	--	--
99-050	--	--	--	--	--
99-051	--	--	0	cy	Soil placed back in hole.
99-052	--	--	--	--	--
99-053	--	--	--	--	--
99-054	1.2	mg/Kg max PCBs	80	cy in 2 phases	--
99-055	--	--	--	--	--
99-056	--	--	0	cy	No soil removed.
99-057	--	--	--	--	--
99-058	--	--	--	--	--
99-059	--	--	--	--	--
99-060	--	--	5	cy	Nonhazardous soil and excavation devris, Columbia Ridge Landfill
99-061	--	--	5	cy	Nonhazardous soil and excavation devris, Columbia Ridge Landfill
99-062	--	--	--	--	Not on NPL Site
99-063	--	--	--	--	--
99-064	0	--	100	cy	--
99-065	3.7	mg/Kg max PCBs	65	cy	--
99-066	--	--	--	--	--
99-067	--	--	--	--	--
99-068	--	--	--	--	--
99-069	--	--	--	--	--
99-070	0	--	7.5	cy	--
99-071	--	--	--	--	--
99-072	--	--	--	--	--
99-073	--	--	--	--	--
00-001	--	--	15	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-002	--	--	10	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-003	--	--	--	--	--
00-004	--	--	--	--	--

00-005	4.5	mg/Kg max PCBs	340	cy in 5 phases	--
00-006	0	--	50	cy	--
00-007	--	--	--	--	--
00-008	--	--	--	--	--
00-009	--	--	15	cy	Nonhazardous soil and excavation debris, Coffin Butte Landfill
00-010	--	--	40	cy	Nonhazardous soil and excavation debris, Coffin Butte Landfill
00-011	--	--	--	--	--
00-012	--	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-013	--	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-014	--	--	--	--	--
00-015	--	--	10	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-016	--	--	10	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-017	--	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-018	--	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-019	--	--	20	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-020	--	--	<1	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-021	--	--	--	--	--
00-022	--	--	1	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-023	--	--	20	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-024	--	--	--	--	--
00-025	--		--	--	--
00-026	--	--	--	--	Project cancelled
00-027	--	--	--	--	--
00-028	--	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-029	--	--	--	--	Project cancelled
00-030	--	--	--	--	Project cancelled
00-031	110	mg/Kg PCBs	0	cy	No material excavated
00-032	16	mg/Kg max PCBs	40	cy	--
	60	ppm max VOCs			--
00-033	0	--	25	cy	--
00-034	0	--	64	cy	--
00-035	0	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-036	--	--	0	cy	Excavated soil was placed back in hole.
00-037	--	--	20	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-038	--	--	0	cy	No soil removed.
00-039	0	--	0	cy	No soil removed.
00-040	0	--	5	cy	--
00-041	0	--	5	cy	--
00-042	--	--	--	--	--
00-043	--	--	--	--	--
00-044	51	mg/Kg max PCBs	120	cy	--
00-045	8260	umhos/cm max conductivity	30	cy	--
00-046	--	--	--	--	--
00-047	--	--	0	cy	No soil removed.
00-048	--	--	40	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-049	--	--	0	cy	No soil removed.
00-050	--	--	--	--	--
00-051	--	--	--	--	--
00-052	--	--	0	cy	Core samples only. No material for disposal
00-053	--	--	--	--	--
00-054	0	--	0	cy	No soil removed.
00-055	3.17	mg/Kg max PCBs	7	cy	--
00-056	2800	umhos/cm max conductivity	3	cy	--
00-057	--	--	3	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-058	--	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-059	0	--	0	cy	No material excavated during cable repair
00-060	0	--	0	cy	Excavated soil was placed back in hole after repair.
00-061	--	--	0	cy	No material excavated during cable repair
00-062	2.52	mg/Kg max PCBs	10	cy	--
00-063	2060	umhos/cm max conductivity	120	cy	--
00-064	2.96	mg/Kg mac PCBs	45	cy in 3 phases	--
	1830	umhos/cm max conductivity			--
00-065	3740	umhos/cm max conductivity	25	cy	--
00-066	16.1	mg/Kg max PCBs	25	cy	--
00-067	--	--	--	--	--
00-068	0	--	60	cy	--
00-069	5.16	mg/Kg max PCBs	80	cy	--
	21,900	umhos/cm max conductivity			--
00-070	1070	umhos/cm max conductivity	3	cy	--
00-071	--	--	--	--	--
00-072	--	--	0	cy	Not on NPL Site
00-073	--	--	5	cy	Concrete Removal Only. Columbia Ridge Landfill
00-074	1070	umhos/cm max conductivity	60	cy	--
00-075	0	--	5	cy	--
00-076	0	--	55	cy	--
00-077	--	No sampling preformed	20	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill (estimated)
00-078	--	--	--	--	--
00-079	22.5	mg/Kg max PCBs	20	cy	--
00-080	--	--	--	--	--
00-081	--	--	0	cy	No soil removed.
00-082	2.73	mg/Kg max PCBs	5	cy	--

00-083	--	--	5	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
00-084	3100	umhos/cm max conductivity	5	cy	--
00-085	--	--	--	--	--
00-086	--	--	--	--	--
00-087	--	--	--	--	--
00-088	51.3	mg/Kg max PCBs	15	cy	--
00-089	--		--	--	--
00-090	3.4	mg/Kg max PCBs	20	cy	--
00-091	0	--	20	cy	--
00-092	--	No sampling preformed	20	cy	Nonhazardous soil and rock, Columbia Ridge Landfill
01-001	0	--	7	cy	--
01-002	0	--	50	cy	--
01-003	--	--	200	cy	40 cubic yards of materual disposed at US Ecology - Idaho. 160 cubic yards disposed at Columbia Ridge Landfill.
01-004	0	--	50	cy	--
01-005	0	--	0		--
01-006	--	--	0	cy	No excavation material was generated
01-007	6.5	mg/Kg max PCBs	30	cy	--
	1160	umhos/cm max conductivity			--
01-008	1.5	mg/Kg max PCBs	5	cy	--
01-009	6.2	mg/Kg max PCBs	15	cy	--
01-010	1.08	mg/Kg max PCBs	30	cy	--
	1360	umhos/cm max conductivity			--
01-011	--	--	0	cy	No excavation material was generated
01-012	11.3	mg/Kg max PCBs	50	cy	--
01-013	14.7	mg/Kg max PCBs	120	cy	--
	1400	umhos/cm max conductivity			--
01-014	11.3	mg/Kg max PCBs	35	cy	--
01-015	--	--	--	--	--
01-016	--	--	10	cy	Material disposed at US Ecology - Idaho.
01-017	--	--	10	cy	Asphalt Removal Only, Columbia Ridge Landfill
01-018	--	--	--	--	--
01-019	0	--	4	cy	--
01-020	0.373	mg/Kg PCBs	1	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
	0.437	mg/Kg Hexachlorobenzene			
	0.455	mg/Kg Pyrene			
01-021	--	No samples taken	0	cy	Soil placed back in hole
01-022	0	--	2	cy	--
01-023	--	--	--	--	--
01-024	--	No samples taken	0	cy	No soil excavated
01-025	209	mg/Kg PCBs	25	cy	TSCA Regulated waste. Chemcial Waste Management, Arlington Landfill
01-026	6850	max conductivity	10	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
	0.08	mg/Kg PCBs			
01-027	7000	Conductivity of 1 Surface Pile (20cy)	1000	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
01-028	100	Gamma Radiation of 1 pile	14	cy	2 cy as NORM Soil to US Ecology - Idaho. 12 cy as Nonhazardous excavation soil and debris to Columbia Ridge Landfill
	3.4	mg/Kg PCBs			
01-029	--	--	--	--	Project Cancelled
01-030	--	--	0	cy	No soil excavated
01-031	0	--	20	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
01-032	0	--	25	cy	--
01-033	--	--	10	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-034	--	No samples taken	5	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-035	--	--	5	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-036	--	--	5	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-037	27200	max conductivity	40	cy	
	0.465	mg/Kg PCBs			Nonhazardous soil and excavation debris, Columbia Ridge Landfill
01-038	--	No samples taken	5	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-039	--	No samples taken	5	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-040	--	--	20	cy	No soil excavated
01-041	--	--	10	cy	Clean fill removed under asphalt. Nonhazardous excavation soil and debris, Columbia Ridge Landfill
01-042	--	No samples taken	20	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-043	--	0	25	cy	Nonhazardous soil and excavation debris, Columbia Ridge Landfill
01-044	--	No samples taken	20	cy	Asphalt Removal Only. Columbia Ridge Landfill
01-045	--	--	10	cy	Concrete removal Only. Columbia Ridge Landfill
01-046	--	--	20	cy	Nonhazardous excavation soil and gravel, Coffin Butte Landfill
01-047	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
01-048	--	--	200	cy	Nonhazardous profile for disposal at the Coffin Butte Landfill
01-049	--	--	10	cy	Concrete removal Only. Columbia Ridge Landfill
01-050	--	--	10	cy	Asphalt Removal Only. Columbia Ridge Landfill

ERN No.	Sample Results Exceeding Limits		Volume Excavated		Management
(01-03)	Quantity	Units	Quantity	Units	
01-051	--	--	10	cy	Asphalt and Concrete Removal Only, Columbia Ridge Landfill
01-052	--	--	10	cy	Concrete Removal Only, Columbia Ridge Landfill
01-053	--	--	50	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
01-054	0	--	6	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
01-055	1380	max conductivity	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
01-056	2.23	mg/Kg PCBs	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-001	0	--	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-002	23	mg/Kg PCBs	15	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-003	1730	max conductivity	1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-004	1940	max conductivity	50	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
	0.1	mg/Kg PCBs			
02-005	--	--	0	cy	Asphalt Removal Only, Columbia Ridge Landfill
02-006	--	No Samples Taken	0	cy	Concrete Removal Only, Columbia Ridge Landfill
02-007	0	--	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-008	--	--	0	cy	Project Cancelled
02-009	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-010	--	--	0	cy	Project Cancelled
02-011	3.3	mg/Kg PCBs	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-012	--	--	1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-013	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-014	--	--	1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-015	3970	max conductivity	20	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
	1.4	mg/Kg PCBs			
02-016	5.21	mg/Kg PCBs	1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-017	--	--	5	cy	Asphalt and Concrete Removal Only
02-018	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-019	1.1	mg/Kg PCBs	80	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
	15	uR/hr, Gamma			
02-020	--	--	1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-021	--	No Samples Taken	5	cy	Asphalt Removal Only, Columbia Ridge Landfill
02-022	--	No Samples Taken	0	cy	Combined with E-02-023.
02-023	4940	max conductivity	20	cy	MIBK Contaminated Soil and Debris. Sent to Chemical Waste Management.
02-024	2070	max conductivity	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
	0.08	mg/Kg PCBs			
02-025	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-026	--	--	0	cy	No soil excavated
02-027	--	--	0	cy	Not on NPL Site
02-028	--	--	5	cy	Concrete Removal Only, Columbia Ridge Landfill
02-029	--	--	1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-030	--	--	2	cy	Concrete Removal Only, Columbia Ridge Landfill
02-031	--	--	2	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-032	--	--	0	cy	Asphalt and Concrete Removal Only, Columbia Ridge Landfill
02-033	--	--	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-034	242	mg/Kg PCBs	60	cy	TSCA PCB Contaminated Soil. Sent to Chemical Waste Management
02-035	0	--	6	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-036	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-037	--	--	1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-038	0	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-039	0	--	4	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-040	--	No Samples Taken	0	cy	Asphalt and Concrete Removal Only. No soil exposed. Columbia Ridge Landfill
02-041	1.4	mg/Kg PCBs	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-042	--	No Samples Taken. No soil exposed for sampling.	40	cy	MIBK Contaminated Soil and Debris. Sent to Chemical Waste Management.
02-043	--	--	60	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-044	1621	max conductivity	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
	3.73	mg/Kg max PCBs			
02-045	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
02-046	--	--	1	cy	Concrete Removal Only, Columbia Ridge Landfill
02-047	--	--	0	cy	No soil excavated
03-001	--	--	<1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-002	--	--	<1	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-003	0	--	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-004	--	--	0	cy	Concrete Removal Only, Columbia Ridge Landfill
03-005	--	--	5	cy	NORM Soil to US Ecology - Idaho
03-006	--	--	20	cy	Hazardous HCB Soil, Chemcial Waste Management
03-007	--	--	0	cy	Rock removed from valve surface and spread out in the recycle yard
03-008	--	--	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-009	24.7	mg/Kg PCBs	15	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-010	--	--	5	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-011	--	--	0	cy	Core samples only
03-012	--	--	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-013	--	--	--	--	Not on NPL Site
03-014	--	--	10	cy	Nonhazardous excavation soil and debris, Columbia Ridge Landfill
03-015	--	--	5	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
03-016	--	--	0	cy	Excavated dirt was spead out adjacent to power pole.
03-017	--	--	5	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
03-018	1201	max conductivity	80	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
	0.643	mg/Kg max PCBs			
	39.8	OVA at SLEP			
	4.8	Average onsite OVA			

03-019	0.7	mg/Kg PCBs	5	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
	60.5	ppm, OVA onsite attributed to portable compressor			
	<1	OVA at SLEP Pad			
	0	8260 or 8270 detection			
03-020	--	--	5	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
03-021	5200	max conductivity	10	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
	0.22	mg/Kg PCBs			
03-022	165	mg/Kg PCBs	85	cy	TSCA PCB Contaminated Soil. Sent to Chemical Waste Management
	6000	OVA			
	0	8260 or 8270 detection			
03-023	0.0657	mg/Kg PCBs	105	cy	Material placed directly in Rolloff boxes for disposal as MIBK Contaminated Soil. To Chemical Waste Management
	15	mg/Kg max MIBK			
03-024	--	--	--	--	--
03-025	33	mg/Kg PCBs	30	cy	Nonhazardous excavation soil and debris, Hillsboro Landfill
	--	OVA on site but no OVA on SLEP			
	0.669	mg/Kg MIBK			
	1.23	mg/Kg HCB			
03-026	--	Active	--	--	--
03-027	0.177	mg/Kg PCBs	200	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
	53.5	ppm, OVA			
	0	8260 or 8270 detection			
03-028	186	mg/Kg PCBs	20	cy	TSCA Contaminated Soil. Sent to Chemical Waste Management.
	>3	ppm, OVA			
	0	8260 or 8270 detection			
03-029	--	--	<5	cy	Material placed directly in Rolloff boxes for disposal as MIBK Contaminated Soil. To Chemical Waste Management
03-030	--	--	0	cy	Asphalt Removal Only, Riverbend Landfill
03-031	--	Active	--	--	--
03-032	--	--	6	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
03-033	--	--	10	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
03-034	--	No Samples Taken	0	cy	Concrete Removal Only, Riverbend Landfill
03-035	0.25	mg/Kg PCBs	10	cy	Nonhazardous excavation soil and debris, Riverbend Landfill
	25	uR/hr, Gamma Elevation			
	49.2	OVA			
	0	8260 or 8270 detection			
03-036	--	--	60	cy	Nonhazardous excavation soil and debris, Hillsboro Landfill

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
03-024	na	na	na	na	na
03-026	na	na	na	na	na
03-031	na	na	na	na	na
03-037	Not Required	Not Required	Not Required	Not Required	Not in use
03-038	na	na	na	na	na
03-039	Not Required	Not Required	Not Required	Not Required	Not in use
03-040	Not Required	Not Required	Not Required	Not Required	Not in use
03-041	Not Required	Not Required	Not Required	Not Required	Not in use
03-042	na	na	na	na	na
03-043	na	na	na	na	na
03-044	na	na	na	na	na
03-045	Not measured	Not measured	Not measured	Not measured	Not in use
03-046	na	na	na	na	na
03-047	na	na	na	na	na
03-048	Not Required	Not Required	Not Required	Not Required	Not in use
03-049	Not Required	Not Required	Not Required	Not Required	Not in use
03-050	Not Required	Not Required	Not Required	Not Required	Not in use
03-051	Not Required	Not Required	Not Required	Not Required	Not in use

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
03-052	Not Required	Not Required	Not Required	Not Required	Not in use
03-053	na	na	na	na	Not in use
03-054	na	na	na	na	na
03-055	Not Required	Not Required	Not Required	Not Required	Not in use
03-056	Not measured	Not measured	Not measured	Not measured	Not in use
03-057	na	na	na	na	na
03-058	na	na	na	na	na
03-059	na	na	na	na	na
03-060	na	na	na	na	na
03-061	Not Required	Not Required	Not Required	Not Required	Not in use
03-062	Not measured	Not measured	Not measured	Not measured	Not in use
03-063	Not Required	Not Required	Not Required	Not Required	Not in use
03-064	Not measured	Not measured	Not measured	Not measured	Not in use
04-001	Not Required	Not Required	Not Required	Not Required	Not in use
04-002	na	na	na	na	na
04-003	Not Required	Not Required	Not Required	Not Required	Not in use
04-004	Not Required	Not Required	Not Required	Not Required	Not in use

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
04-005	Not measured	Not measured	Not measured	Not measured	Not in use
04-006	Not Required	Not Required	Not Required	Not Required	Not in use
04-007	Not Required	Not Required	Not Required	Not Required	Not in use
04-008	na	na	na	na	na
04-009	Not measured	Not measured	Not measured	Not measured	Not in use
04-010	Not Required	Not Required	Not Required	Not Required	Not in use
04-011	Not measured	Not measured	Not measured	Not measured	Not in use
04-012	Not measured	Not measured	Not measured	Not measured	Not in use
04-013	Not measured	Not measured	Not measured	Not measured	Not in use
04-014	Not measured	Not measured	Not measured	Not measured	Not in use
04-015	Not Required	Not Required	Not Required	Not Required	Not in use
04-016	na	na	na	na	na
04-017	Not Required	Not Required	Not Required	Not Required	Not in use
04-018	Not Required	Not Required	Not Required	Not Required	Not in use
04-019	Not Required	Not Required	Not Required	Not Required	Not in use
04-020	na	na	na	na	na
04-021	Not Required	Not Required	Not Required	Not Required	Not in use
04-022	Not measured	Not measured	Not measured	Not measured	Not in use

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
04-023	Not measured	Not measured	Not measured	Not measured	Not in use
04-024	Not Required	Not Required	Not Required	Not Required	Not in use
04-025	Not measured	Not measured	Not measured	Not measured	Not in use
04-026	Not measured	Not measured	Not measured	Not measured	Not in use
04-027	na	na	na	na	na
04-028	Not Required	Not Required	Not Required	Not Required	Not in use
04-029	na	na	na	na	na
04-030	Not Required	Not Required	Not Required	Not Required	Not in use
04-031	na	na	na	na	na
04-032	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	Not in use
04-033	na	na	na	na	na
04-034	Not Required	Not Required	Not Required	Not Required	Not in use
04-035	Not Required	Not Required	Not Required	Not Required	Not in use
04-036	Not measured	Not measured	Not measured	Not measured	Not in use
04-037	na	na	na	na	na
04-038	na	na	na	na	na
04-039	Not Required	Not Required	Not Required	Not Required	Not in use
04-040	Not measured	Not measured	Not measured	Not measured	Not in use
04-041	na	na	na	na	na
04-042	Not Required	Not Required	Not Required	Not Required	Not in use
04-043	na	na	na	na	na
04-044	Not Required	Not Required	Not Required	Not Required	Not in use

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
04-045	Not Required	Not Required	Not Required	Not Required	Not in use
04-046	Not measured	Not measured	Not measured	Not measured	Not measured
04-047	5.8	686	</=4	<1	<50
04-048	Not Required	Not Required	Not Required	Not Required	Not Required
04-049	Not Required	Not Required	Not Required	Not Required	Not in use
04-050	Not Required	Not Required	Not Required	Not Required	Not in use
04-051	Not Required	Not Required	Not Required	Not Required	Not in use
04-052	Not measured	Not measured	<10	Not measured	
04-053	Not Required	Not Required	Not Required	Not Required	Not Required
04-054	Not Required	Not Required	Not Required	Not Required	Not Required
04-055	Not Required	Not Required	Not Required	Not Required	Not Required
04-056	Not Required	Not Required	Not Required	Not Required	Not Required
04-057	Not measured	Not measured	Not measured	Not measured	Not measured
05-001	Not Required	Not Required	Not Required	Not Required	Not Required
05-002	4.01	55.1	</=7	<1	3<50

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-003	7.91	1130	30 to 1000 (includes sidewall)	<1	Not in use
05-004	Not Required	Not Required	Not Required	Not Required	Not Required
05-005	Not Required	Not Required	Not Required	Not Required	Not Required
05-006	na	na	na	na	na
05-007	Not Required	Not Required	Not Required	Not Required	Not Required
05-008	Not Required	Not Required	Not Required	Not Required	Not Required
05-009	Not Required	Not Required	Not Required	Not Required	Not Required
05-010	Not Required	Not Required	Not Required	Not Required	Not Required
05-011	Not Required	Not Required	Not Required	Not Required	Not Required
05-012	Not Required	Not Required	Not Required	Not Required	Not Required
05-013	Not Required	Not Required	Not Required	Not Required	Not Required
05-014	na	na	na	na	na
05-015	6.52 to 7.45	24.4 to 103.6	</=6 to 27	0 to 0.4	3 samples <50; one sample >50
05-016	na	na	na	na	na
05-017	na	na	na	na	na
05-018	na	na	na	na	na
05-019	7.5	57.1	</=8	0.4	<50
05-020	Not measured	Not measured	Not measured	Not measured	Not measured

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-021	Not measured	Not measured	Not measured	Not measured	Not measured
05-022	6.22 to 7.71	26.8 to76.0	</=8	0	~50, <50
05-023	6	28.2	,8	0	>50
05-024	7.30 to 7.98	51.9 to 242	</=8	0	Not measured
05-025	3.7 to 4.28	5.38 to 7.68	</=8	39 to 868	2 > 50
05-026	7.4	3620	</= 8	0	> 50
05-027	na	na	na	na	na
05-028	na	na	na	na	na
05-029	Not Required	Not Required	Not Required	Not Required	Not Required
05-030	Not measured	Not measured	Not measured	Not measured	Not measured
05-031	Not measured	Not measured	Not measured	Not measured	Not measured
05-032	Not Required	Not Required	Not Required	Not Required	Not Required
05-033	Not measured	Not measured	Not measured	Not measured	Not measured
05-034	na	na	na	na	na
05-035	Not measured	Not measured	Not measured	Not measured	Not measured

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-036	Not measured	Not measured	Not measured	Not measured	Not measured
05-037	Not Required	Not Required	Not Required	Not Required	Not Required
05-038	na	na	na	na	na
05-039	na	na	na	na	na
05-040	Not Required	Not Required	Not Required	Not Required	Not Required
05-041	na	na	na	na	na
05-042	Not Required	Not Required	Not Required	Not Required	Not Required
05-043	na	na	na	na	na
05-044	na	na	na	na	na
05-045	na	na	na	na	na
05-046	Not Required	Not Required	15 to 20 - Black Sand	Not Required	Not Required
05-047	Not Required	Not Required	16 to 20 - Black Sand	Not Required	Not Required
05-048	Not Required	Not Required	17 to 20 - Black Sand	Not Required	Not Required
05-049	Not Required	Not Required	Not Required	Not Required	Not Required
05-050	Not measured	Not measured	Not measured	Not measured	Not measured
05-051	na	na	na	na	na
05-052	na	na	na	na	na
05-053	7.36	218	< 8	0	2 < 50
05-054	na	na	na	na	na
05-055	Not measured	Not measured	Not measured	Not measured	Not measured
05-056	na	na	na	na	na
05-057	Not Required	Not Required	Not Required	Not Required	Not Required
05-058	na	na	na	na	na

	Onsite - Before or During Excavation Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-059	na	na	na	na	na

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
03-024	na	na	na	na
03-026	na	na	na	na
03-031	na	na	na	na
03-037	Not Required	Not Required	Not Required	Not Required
03-038	na	na	na	na
03-039	Not Required	Not Required	Not Required	Not Required
03-040	Not Required	Not Required	Not Required	Not Required
03-041	Not Required	Not Required	Not Required	Not Required
03-042	na	na	na	na
03-043	na	na	na	na
03-044	na	na	na	na
03-045	Not measured	Not measured	Not measured	Not measured
03-046	na	na	na	na
03-047	na	na	na	na
03-048	Not Required	Not Required	Not Required	Not Required
03-049	Not Required	Not Required	Not Required	Not Required
03-050	6 samples. 1 Ag 0.01, 6 Ba 0.0.35 to 37, 6 Cr 0.02 to 0.37, 6 Pb 0.006 to 1.38, all others non-detect	Not Required	Not Required	Not Required
03-051	--	Not Required	Not Required	Not Required

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
03-052	Not Required	Not Required	Not Required	Not Required
03-053	na	na	na	na
03-054	na	na	na	na
03-055	Not Required	Not Required	Not Required	Not Required
03-056	Not measured	Not measured	Not measured	Not measured
03-057	na	na	na	na
03-058	na	na	na	na
03-059	na	na	na	na
03-060	na	na	na	na
03-061	Not Required	Not Required	Not Required	Not Required
03-062	Not measured	Not measured	Not measured	Not measured
03-063	Not Required	Not Required	Not Required	Not Required
03-064	na	na	na	na
04-001	Not Required	Not Required	Not Required	Not Required
04-002	na	na	na	na
04-003	Not Required	Not Required	Not Required	Not Required
04-004	Not Required	Not Required	Not Required	Not Required

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)
EEP Screening Level	--	--	--	--
04-005	Not measured	Not measured	Not measured	Not measured
04-006	Not Required	Not Required	Not Required	Not Required
04-007	Not Required	Not Required	Not Required	Not Required
04-008	na	na	na	na
04-009	Not measured	Not measured	Not measured	Not measured
04-010	Not Required	Not Required	Not Required	Not Required
04-011	Not measured	Not measured	Not measured	Not measured
04-012	Not measured	Not measured	Not measured	Not measured
04-013	Not measured	Not measured	Not measured	Not measured
04-014	Not measured	Not measured	Not measured	Not measured
04-015	Not Required	Not Required	Not Required	Not Required
04-016	na	na	na	na
04-017	Not Required	Not Required	Not Required	Not Required
04-018	Not Required	Not Required	Not Required	Not Required
04-019	Not Required	Not Required	Not Required	Not Required
04-020	na	na	na	na
04-021	Not Required	Not Required	Not Required	Not Required
04-022	Not measured	Not measured	Not measured	Not measured

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
04-023	Not measured	Not measured	Not measured	Not measured
04-024	Not Required	Not Required	Not Required	Not Required
04-025	Not measured	Not measured	Not measured	748
04-026	Not measured	Not measured	Not measured	Not measured
04-027	na	na	na	na
04-028	Not Required	Not Required	Not Required	Not Required
04-029	na	na	na	na
04-030	Not Required	Not Required	Not Required	Not Required
04-031	na	na	na	na
04-032	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21
04-033	na	na	na	na
04-034	Not Required	Not Required	Not Required	Not Required
04-035	Not Required	Not Required	Not Required	Not Required
04-036	Not measured	Not measured	Not measured	Not measured
04-037	na	na	na	na
04-038	na	na	na	na
04-039	Not Required	Not Required	Not Required	Not Required
04-040	Not measured	Not measured	Not measured	Not measured
04-041	na	na	na	na
04-042	Not Required	Not Required	Not Required	Not Required
04-043	na	na	na	na
04-044	Not Required	Not Required	Not Required	Not Required

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
04-045	Not Required	Not Required	Not Required	Not Required
04-046	Not measured	Not measured	Not measured	Not measured
04-047	Not Required	Not Required	Not Required	6.9
04-048	Not Required	Not Required	Not Required	Not Required
04-049	Not Required	Not Required	Not Required	Not Required
04-050	Not Required	Not Required	Not Required	Not Required
04-051	Not Required	Not Required	Not Required	Not Required
04-052	Not measured	Not measured	Not measured	Not measured
04-053	Not Required	Not Required	Not Required	Not Required
04-054	Not Required	Not Required	Not Required	Not Required
04-055	Not Required	Not Required	Not Required	Not Required
04-056	Not Required	Not Required	Not Required	Not Required
04-057	Not measured	Not measured	Not measured	Not measured
05-001	Not Required	Not Required	Not Required	Not Required
05-002	Ba 0.25, Cr 0.03, Ni 0.02, Pb 0.004, Zn 0.27	Not Required	Not Required	0.275, 3.41, 4.09

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
05-003	Ba 0.25, Ni 0.04, Zn 0.1, all others non-detect	Ra 226 1.2pCi/g, Th 7.2 ppm, U <5 ppm	Not Required	Not Required
05-004	Not Required	Not Required	Not Required	Not Required
05-005	Not Required	Not Required	Not Required	Not Required
05-006	na	na	na	na
05-007	Not Required	Not Required	Not Required	Not Required
05-008	Not Required	Not Required	Not Required	Not Required
05-009	Not Required	Not Required	Not Required	Not Required
05-010	Not Required	Not Required	Not Required	Not Required
05-011	Not Required	Not Required	Not Required	Not Required
05-012	Not Required	Not Required	Not Required	Not Required
05-013	Not Required	Not Required	Not Required	Not Required
05-014	na	na	na	na
05-015	Not Required	Not Required	Not Required	0.155, 0.827, 2.59, 262
05-016	na	na	na	na
05-017	na	na	na	na
05-018	na	na	na	na
05-019	Not Required	Not Required	Not Required	0.0362
05-020	Not measured	Not measured	Not measured	Not measured

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
05-021	Not measured	Not measured	Not measured	Not measured
05-022	Not Required	Not Required	Not Required	0.171, 2.917
05-023	Not Required	Not Required	Not Required	0.0682
05-024	Not Required	Not Required	Not Required	4 non-detect, 0.471, 0.554
05-025	Cr 0.138, all others non-detect	Not Required	MIBK 60.9 to 1910, Trichloroethene 0.599, Benzyl alcohol 6.28 to 12.4	0.136 to 0.367
05-026	Pb 0.007, others non-detect	Not Required	Not Required	0.193
05-027	na	na	na	na
05-028	na	na	na	na
05-029	Not Required	Not Required	Not Required	Not Required
05-030	Not measured	Not measured	Not measured	Not measured
05-031	Not measured	Not measured	Not measured	Not measured
05-032	Not Required	Not Required	Not Required	Not Required
05-033	Not measured	Not measured	Not measured	Not measured
05-034	na	na	na	na
05-035	Not measured	Not measured	Not measured	Not measured

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
05-036	Not measured	Not measured	Not measured	Not measured
05-037	Not Required	Not Required	Not Required	Not Required
05-038	na	na	na	na
05-039	na	na	na	na
05-040	Not Required	Not Required	Not Required	Not Required
05-041	na	na	na	na
05-042	Not Required	Not Required	Not Required	Not Required
05-043	na	na	na	na
05-044	na	na	na	na
05-045	na	na	na	na
05-046	Not Required	Not Required	Not Required	Not Required
05-047	Not Required	Not Required	Not Required	Not Required
05-048	Not Required	Not Required	Not Required	Not Required
05-049	Not Required	Not Required	Not Required	Not Required
05-050	Not measured	Not measured	Not measured	Not measured
05-051	na	na	na	na
05-052	na	na	na	na
05-053	Not Required	Not Required	Not Required	140, 576
05-054	na	na	na	na
05-055	Not measured	Not measured	Not measured	Not measured
05-056	na	na	na	na
05-057	Not Required	Not Required	Not Required	Not Required
05-058	na	na	na	na

	Onsite - Before or During Excavation Laboratory Results			
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**
EEP Screening Level	--	--	--	--
05-059	na	na	na	na

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
03-024	na	na	na	na	na
03-026	na	na	na	na	na
03-031	na	na	na	na	na
03-037	Not Required	Not Required	Not Required	Not Required	Not in use
03-038	na	na	na	na	na
03-039	Not Required	Not Required	Not Required	Not Required	Not in use
03-040	Not Required	Not Required	Not Required	Not Required	Not in use
03-041	Not Required	Not Required	Not Required	Not Required	Not in use
03-042	na	na	na	na	na
03-043	na	na	na	na	na
03-044	na	na	na	na	na
03-045	7.64	34.9	</= 11	807	Not in use
03-046	na	na	na	na	na
03-047	na	na	na	na	na
03-048	Not Required	Not Required	Not Required	Not Required	Not in use
03-049	Not Required	Not Required	Not Required	Not Required	Not in use
03-050	5.33 to 7.15	27.3 to 220	background to 12	0 to 0.3	Not in use
03-051	Not Required	Not Required	Not Required	Not Required	Not in use

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
03-052	Not Required	Not Required	Not Required	Not Required	Not in use
03-053	na	na	na	na	Not in use
03-054	na	na	na	na	na
03-055	Not Required	Not Required	Not Required	Not Required	Not in use
03-056	6.47	42.8	<5	0	Not in use
03-057	na	na	na	na	na
03-058	na	na	na	na	na
03-059	na	na	na	na	na
03-060	na	na	na	na	na
03-061	Not Required	Not Required	Not Required	Not Required	Not in use
03-062	8.38	44.6	</=7	Not measured due to high background vapors from MIBK Tank Farm	Not in use
03-063	Not Required	Not Required	Not Required	Not Required	Not in use
03-064	6.58	25.9	</=3	</=1	Not in use
04-001	Not Required	Not Required	Not Required	Not Required	Not in use
04-002	na	na	na	na	na
04-003	Not Required	Not Required	Not Required	Not Required	Not in use
04-004	Not Required	Not Required	Not Required	Not Required	Not in use

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
04-005	6.33	8.68	</=3	<1	Not in use
04-006	Not Required	Not Required	Not Required	Not Required	Not in use
04-007	Not Required	Not Required	Not Required	Not Required	Not in use
04-008	na	na	na	na	na
04-009	Not measured	Not measured	Not measured	Not measured	Not in use
04-010	Not Required	Not Required	Not Required	Not Required	Not in use
04-011	7.86	13.54	</=9	Not measured	Not in use
04-012	Not measured	Not measured	Not measured	Not measured	Not in use
04-013	Not measured	Not measured	<10	Not measured	Not in use
04-014	10.36	317	</=9	Not measured	Not in use
04-015	Not Required	Not Required	Not Required	Not Required	Not in use
04-016	na	na	na	na	na
04-017	Not Required	Not Required	Not Required	Not Required	Not in use
04-018	Not Required	Not Required	Not Required	Not Required	Not in use
04-019	Not Required	Not Required	Not Required	Not Required	Not in use
04-020	na	na	na	na	na
04-021	Not Required	Not Required	Not Required	Not Required	Not in use
04-022	7.14	72.3	<15	Not measured	Not in use

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
04-023	7.99	895	</=7	5.6	Not in use
04-024	Not Required	Not Required	Not Required	Not Required	Not in use
04-025	6.31	618	</=6	4.5	Not in use
04-026	9.89	292	</=8	Not measured	Not in use
04-027	na	na	na	na	na
04-028	Not Required	Not Required	Not Required	Not Required	Not in use
04-029	na	na	na	na	na
04-030	Not Required	Not Required	Not Required	Not Required	Not in use
04-031	na	na	na	na	na
04-032	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	Not in use
04-033	na	na	na	na	na
04-034	Not Required	Not Required	Not Required	Not Required	Not in use
04-035	Not Required	Not Required	Not Required	Not Required	Not in use
04-036	11.31	365	</=7	<1	Not in use
04-037	na	na	na	na	na
04-038	na	na	na	na	na
04-039	9.94	486	</=9	0.4	Not in use
04-040	6.14 to 8.56	180.3 to 484	</=5 to </=10	0.01	Not in use
04-041	na	na	na	na	na
04-042	Not Required	Not Required	Not Required	Not Required	Not in use
04-043	na	na	na	na	na
04-044	Not Required	Not Required	Not Required	Not Required	Not in use

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
04-045	6.55	18.26	</=5	0.1	<50
04-046	7.3	65.4	</=6	0	Not measured, too much clay
04-047	Not measured	Not measured	Not measured	Not measured	Not measured
04-048	7.75	1542	</=4	0.2	>50
04-049	Not Required	Not Required	Not Required	Not Required	Not measured
04-050	Not Required	Not Required	Not Required	Not Required	Not Required
04-051	Not Required	Not Required	Not Required	Not Required	Not Required
04-052	Not measured	Not measured	Not measured	Not measured	Not measured
04-053	Not Required	Not Required	Not Required	Not Required	Not Required
04-054	Not Required	Not Required	Not Required	Not Required	Not Required
04-055	Not Required	Not Required	Not Required	Not Required	Not Required
04-056	Not Required	Not Required	Not Required	Not Required	Not Required
04-057	6.71	173.1	</=6	<1	Not measured
05-001	Not Required	Not Required	Not Required	Not Required	Not Required
05-002	7.55	79.1	<7	<1	<50

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-003	8.4 to 9.02	91.3 to 123	8 to 25	<1	Not in use
05-004	Not Required	Not Required	Not Required	Not Required	Not Required
05-005	Not Required	Not Required	Not Required	Not Required	Not Required
05-006	na	na	na	na	na
05-007	Not Required	Not Required	Not Required	Not Required	Not Required
05-008	Not Required	Not Required	Not Required	Not Required	Not Required
05-009	Not Required	Not Required	Not Required	Not Required	Not Required
05-010	Not Required	Not Required	Not Required	Not Required	Not Required
05-011	8.24	92.8	</=8	0	<50
05-012	Not Required	Not Required	Not Required	Not Required	Not Required
05-013	Not Required	Not Required	Not Required	Not Required	Not Required
05-014	na	na	na	na	na
05-015	Not Required	Not Required	Not Required	Not Required	Not Required
05-016	na	na	na	na	na
05-017	na	na	na	na	na
05-018	na	na	na	na	na
05-019	Not measured	Not measured	Not measured	Not measured	Not measured
05-020	Not measured	Not measured	Not measured	Not measured	Not measured

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-021	7.16 to 9.49	328 to 1024	</=8	41 to 89	<50
05-022	Not measured	Not measured	Not measured	Not measured	Not measured
05-023	Not Required	Not Required	Not Required	Not Required	Not Required
05-024	Not measured	Not measured	Not measured	Not measured	Not measured
05-025	Not measured	Not measured	Not measured	Not measured	Not measured
05-026	Not measured	Not measured	Not measured	Not measured	Not measured
05-027	na	na	na	na	na
05-028	na	na	na	na	na
05-029	7.12	628	< 8	0	< 50
05-030	6.24	760	< 8	0	< 50
05-031	7.63	571	< 8	10.6	< 50
05-032	7.16 to 7.8	200 to 516	< 8	0	2 < 50
05-033	7.58	128.3	< 8	0	< 50
05-034	na	na	na	na	na
05-035	6.78 to 7.20	63.6 to 66.4	<8 to 30	0	2 < 50

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-036	5.82 to 7.05	20 to 160	< 8	0	2 < 50
05-037	Not Required	Not Required	Not Required	Not Required	Not Required
05-038	na	na	na	na	na
05-039	na	na	na	na	na
05-040	Not measured	Not measured	Not measured	Not measured	Not measured
05-041	na	na	na	na	na
05-042	Not Required	Not Required	Not Required	Not Required	Not Required
05-043	na	na	na	na	na
05-044	na	na	na	na	na
05-045	na	na	na	na	na
05-046	Not Required	Not Required	< 10	Not Required	Not Required
05-047	Not Required	Not Required	Not Required	Not Required	Not Required
05-048	Not Required	Not Required	Not Required	Not Required	Not Required
05-049	7.32	120.4	< 8	0	< 50
05-050	7.43	500	< 8	0	< 50
05-051	na	na	na	na	na
05-052	na	na	na	na	na
05-053	7.69	30.1	< 8	0	2 < 50
05-054	na	na	na	na	na
05-055	9.26	1172	0	2.1	< 50
05-056	na	na	na	na	na
05-057	Not Required	Not Required	Not Required	Not Required	Not Required
05-058	na	na	na	na	na

	Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN # (03-05)	**pH**	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**
EEP Screening Level	**5 to 9**	**< 1000**	**< 30.5**	**< 3**	**< 50**
05-059	na	na	na	na	na

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	--	--	--	--	**5 to 9**
03-024	na	na	na	na	na
03-026	na	na	na	na	na
03-031	na	na	na	na	na
03-037	Not Required	Not Required	Not Required	Not Required	6.37
03-038	na	na	na	na	na
03-039	Not Required	Not Required	Not Required	Not Required	5.92
03-040	Not Required	Not Required	Not Required	Not Required	7.47 to 8.08
03-041	Not Required	Not Required	Not Required	Not Required	9.52
03-042	na	na	na	na	na
03-043	na	na	na	na	na
03-044	na	na	na	na	na
03-045	Not Required	Not Required	Not measured	Non-detect	6.89
03-046	na	na	na	na	na
03-047	na	na	na	na	na
03-048	Not Required	Not Required	Not Required	Not Required	10.12
03-049	Not Required	Not Required	Not Required	Not Required	see E03-040
03-050	12 samples. 12 Ba 0.26 to 0.55, 5 Ni 0.24 to 0.45, 2 Zn 0.26 to 0.49, all others non-detect	Not Required	Not Required	Not Required	5.87 to 6.59
03-051	Not Required	Not Required	Not Required	Not Required	7.67

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	--	--	--	--	**5 to 9**
03-052	Not Required	Not Required	Not Required	Not Required	9.25
03-053	na	na	na	na	7.55 to 8.55
03-054	na	na	na	na	na
03-055	Not Required	Not Required	Not Required	Not Required	7.04
03-056	Not Required	Not Required	Not Required	Not Required	8.08
03-057	na	na	na	na	na
03-058	na	na	na	na	na
03-059	na	na	na	na	na
03-060	na	na	na	na	na
03-061	Not Required	Not Required	Not Required	Not Required	8.5
03-062	Not Required	Not Required	Not measured	Not measured	na
03-063	Not Required	Not Required	Not Required	Not Required	7.98 to 8.27
03-064	Not Required	Not Required	Not Required	Not measured	7.02
04-001	Not Required	Not Required	Not Required	Not Required	7.14 to 8.05
04-002	na	na	na	na	na
04-003	Not Required	Not Required	Not Required	Not Required	7.42
04-004	Not Required	Not Required	Not Required	Not Required	Not measured

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	--	--	--	--	**5 to 9**
04-005	Not Required	Not Required	Not Required	Non-detect	8.29
04-006	Not Required	Not Required	Not Required	Not Required	6.59 to 10.87
04-007	Not Required	Not Required	Not Required	Not Required	7.18
04-008	na	na	na	na	na
04-009	Not measured	Not measured	Not measured	Not measured	8.21
04-010	Not Required	Not Required	Not Required	Not Required	7.34
04-011	Not Required	Not Required	Non-detect	Non-detect	8.08
04-012	Not measured	Not measured	Not measured	Not measured	6.44 to 7.38
04-013	Not measured	Not measured	Not measured	Not measured	7.62
04-014	Barium 1.64, all others non-detect	Not Required	Non-detect	0.63	10.53
04-015	Not Required	Not Required	Not Required	Not Required	8.68
04-016	na	na	na	na	na
04-017	Not Required	Not Required	Not Required	Not Required	7.27 to 7.61
04-018	Not Required	Not Required	Not Required	Not Required	7.98 to 8.27
04-019	Not Required	Not Required	Not Required	Not Required	7.94
04-020	na	na	na	na	na
04-021	Not Required	Not Required	Not Required	Not Required	7.50 to 8.61
04-022	Barium 0.7, all others non-detect	Not Required	Not measured	Non-detect	Not measured

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	--	--	--	--	**5 to 9**
04-023	Non-detect	Not measured	Non-detect	Non-detect	Not measured
04-024	Not Required	Not Required	Not Required	13.2	6.74
04-025	Not Required	Not Required	Non-detect	364	7.02
04-026	Not measured	Not Required	Not measured	Not measured	9.4
04-027	na	na	na	na	na
04-028	Not Required	Not Required	Not Required	Not Required	7.95
04-029	na	na	na	na	na
04-030	Not Required	Not Required	Not Required	Not Required	6.17 to 8.24
04-031	na	na	na	na	na
04-032	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21
04-033	na	na	na	na	na
04-034	Not Required	Not Required	Not Required	Not Required	6.3 to 6.76
04-035	Not Required	Not Required	Not Required	0.391	5.1 to 5.4
04-036	Non-detect	Not Required	Not Required	Non-detect	8.37 to 10.7
04-037	na	na	na	na	na
04-038	na	na	na	na	na
04-039	Barium 1.06, all others non-detect	Not Required	Not Required	9.25	na
04-040	Not Required	Not Required	Not Required	0.0760 to 22.6	7.81 to 8.37
04-041	na	na	na	na	na
04-042	Not Required	Not Required	Not Required	Not Required	6.07
04-043	na	na	na	na	na
04-044	Not Required	Not Required	Not Required	Not Required	7.22

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	--	--	--	--	**5 to 9**
04-045	Not Required	Not Required	Not Required	Non-detect	Not measured
04-046	Not Required	Not Required	Not Required	Not Required	8.47
04-047	Non-detect	Not measured	Not measured	27.1	6.26
04-048	Ba 0.88, Ni 0.12, Pb 0.014, Zn 0.50, all others non-detect	Not Required	Not Required	131	6.32
04-049	Not Required	Not Required	Not Required	Non-detect	7.55
04-050	Not Required	Not Required	Not Required	Not measured	6.61
04-051	Not Required	Not Required	Not Required	Not Required	10.15
04-052	Not measured	Not measured	Not measured	Not measured	6.36
04-053	Not Required	Not Required	Not Required	Not measured	6.54
04-054	Not Required	Not Required	Not Required	Not Required	6.41
04-055	Not Required	Not Required	Not Required	Not Required	7.16
04-056	Not Required	Not Required	Not Required	Not measured	7.43
04-057	Not Required	Not Required	Not Required	Not measured	6.39
05-001	Not Required	Not Required	Not Required	2.27	6.49
05-002	Not Required	Not Required	Not Required	0.275	7.64 to 8.03

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	--	--	--	--	**5 to 9**
05-003	Ba 0.66 to 1.8, Ni 0.04 to 0.1, Zn 0.11, all others non-detect	Ra 226 <1 to 1.4 pCi/g, Th 5.9 to 24 ppm U 5 ppm	Not Required	0.537 to 1.679	Not measured
05-004	Not Required	Not Required	Not Required	Not Required	6.87
05-005	Not Required	Not Required	Not Required	Not Required	7.12
05-006	na	na	na	na	na
05-007	Not Required	Not Required	Not Required	Not Required	7.71
05-008	Not Required	Not Required	Not Required	Not Required	Not measured
05-009	Not Required	Not Required	Not Required	Not Required	8.26
05-010	Not Required	Not Required	Not Required	Not Required	8.7
05-011	Not Required	Not Required	Not Required	0.0933	na
05-012	Not Required	Not Required	Not Required	Not Required	7.34
05-013	Not Required	Not Required	Not Required	Not Required	8.1
05-014	na	na	na	na	na
05-015	Not Required	Not Required	Not Required	Non-detect, 0.329, 2.053, 12.37	6.45 to 7.52
05-016	na	na	na	na	na
05-017	na	na	na	na	na
05-018	na	na	na	na	na
05-019	Not measured	Not measured	Not measured	Not measured	na
05-020	Not measured	Not measured	Not measured	Not measured	Not measured

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	**--**	**--**	**--**	**--**	**5 to 9**
05-021	Barium 0.481, other metals non-detect	Not Required	All non-detect	Non-detect	Not measured
05-022	Not measured	Not measured	Not measured	Not measured	6.7
05-023	Not Required	Not Required	Not Required	Not Required	5.52
05-024	Not measured	Not measured	Not measured	Not measured	6.57 to 9.29
05-025	Not measured	Not measured	Not measured	Not measured	Not measured
05-026	Not measured	Not measured	Not measured	Not measured	7.04
05-027	na	na	na	na	na
05-028	na	na	na	na	na
05-029	Not Required	Not Required	Not Required	0.765	8.05
05-030	Not Required	Not Required	Not Required	Non-detect	6.73
05-031	Not Required	Not Required	All non-detect	0.1434	na
05-032	Not Required	Not Required	Not Required	0.0828, 0.268	6.97 to 7.76
05-033	Not Required	Not Required	Not Required	Non-detect	6.85
05-034	na	na	na	na	na
05-035	Not Required	Not Required	Not Required	2.91, 5.55	6.21 to 7.37

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	--	--	--	--	**5 to 9**
05-036	Not Required	Not Required	Not Required	0.888 to 2.07	6.78
05-037	Not Required	Not Required	Not Required	Not Required	Not Required
05-038	na	na	na	na	na
05-039	na	na	na	na	na
05-040	Not measured	Not measured	Not measured	Not measured	na
05-041	na	na	na	na	na
05-042	Not Required	Not Required	Not Required	0.710, 6.59, 19.04, 48.5	7.1
05-043	na	na	na	na	na
05-044	na	na	na	na	na
05-045	na	na	na	na	na
05-046	Not Required	Not Required	Not Required	Not Required	6.71
05-047	Not Required	Not Required	Not Required	Not Required	7.04
05-048	Not Required	Not Required	Not Required	Not Required	Not Required
05-049	Not Required	Not Required	Not Required	0.103	Not measured
05-050	Not Required	Not Required	Not Required	2.04	8.51
05-051	na	na	na	na	na
05-052	na	na	na	na	na
05-053	Not Required	Not Required	Not Required	33.1, 175	7.21
05-054	na	na	na	na	na
05-055	All non-detect. Ammonianitrogen 564 ppm	Not Required	Not Required	0.854	9.58
05-056	na	na	na	na	na
05-057	Not Required	Not Required	Not Required	Not Required	7.08
05-058	na	na	na	na	na

	Onsite - Post-Excavation (Base Sample) Laboratory Results				
ERN # (03-05)	**TCLP RCRA Metals (mg/L)**	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**pH**
EEP Screening Level	**--**	**--**	**--**	**--**	**5 to 9**
05-059	na	na	na	na	na

Excavated Soil at SLEP or Rolloff Box Field Screening Results					
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
03-024	na	na	na	na	na
03-026	na	na	na	na	na
03-031	na	na	na	na	na
03-037	37.1	</=7	4.7	Not in use	Not Required
03-038	na	na	na	na	na
03-039	100.8	</=8	0	Not in use	Not Required
03-040	24.4 to 26.8	</= 4 to </=22	188 to 345	Not in use	Not Required
03-041	82.2	</=12	1.5	Not in use	Ba 0.37, Ni 0.04, all others non-detect.
03-042	na	na	na	na	na
03-043	na	na	na	na	na
03-044	na	na	na	na	na
03-045	39.3	</=10	78.9	Not in use	Not Required
03-046	na	na	na	na	na
03-047	na	na	na	na	na
03-048	109.6	</=8	276	Not in use	Ba 0.59, Ni 0.04, all others non-detect
03-049	see E03-040	see E03-040	see E03-040	Not in use	see E03-040
03-050	26.4 to 106.8	</=3 to </=7	0 to <1	Not in use	14 samples. 2 Ag 0.01 to 0.06, 14 Ba 0.42 to 1.1, 1 Cd 0.01, 2 Cr 0.01 to 0.03, 14 Pb 0.005 to 0.176, all others non-detect
03-051	56.8	</=8	</=1.5	Not in use	Not Required

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
03-052	183.6	</=10	</=1	Not in use	Ba 0.52, Ni 1.1, all others non-detect
03-053	291 to 1216	</=8 to </=11	0	Not in use	Ba 0.7, all others non-detect
03-054	na	na	na	na	na
03-055	14.91	</=6	Not measured	Not in use	Not Required
03-056	113.6	</=6	Not measured	Not in use	Not Required
03-057	na	na	na	na	na
03-058	na	na	na	na	na
03-059	na	na	na	na	na
03-060	na	na	na	na	na
03-061	193.3	</=8	Not measured	Not in use	Not Required
03-062	na	na	na	Not in use	na
03-063	118.9 to 325	</=7 to </=10	< 1	Not in use	Not Required
03-064	23.8	</=8	Not measured	Not in use	Not Required
04-001	13.75 to 72.1	</=5 to </=8	Not measured	Not in use	4 samples. All non-detect
04-002	na	na	na	na	na
04-003	27.2	</=8	Not measured	Not in use	Not Required
04-004	134.6	</=6	Not measured	Not in use	Barium 0.9, all others non-detect

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
04-005	47.5	</=7	Not measured	Not in use	Not Required
04-006	129.6 to 344	</=5 to </=6	Not measured	Not in use	Barium 0.438, all others non-detect
04-007	275	</=6	5.2	Not in use	Not Required
04-008	na	na	na	na	na
04-009	21.1	</=11	Not measured	Not in use	Not Required
04-010	35.5	</=8	Not measured	Not in use	Not Required
04-011	11.97	</=10	Not measured	Not in use	Not Required
04-012	47.6 to 314	</=6 to </=9	0 to 0.3	Not in use	Not Required
04-013	48.6	</=9	<1	Not in use	Not Required
04-014	217	<6	Not measured	Not in use	Barium 1.83, all others non-detect
04-015	52.2	</=4	0	Not in use	Not Required
04-016	na	na	na	na	na
04-017	35 to 51.5	</=6 to </=10	0	Not in use	Not Required
04-018	118.9 to 325	</=7 to </=10	<1	Not in use	Not Required
04-019	90.8	</=8	1.8	Not in use	Not Required
04-020	na	na	na	na	na
04-021	68.8 to 99.3	</=4 to </=6	0 to 0.1	Not in use	Not Required
04-022	Not measured	Not measured	Not measured	Not in use	Not measured

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
04-023	Not measured	Not measured	Not measured	Not in use	Not measured
04-024	152.5	</=11	0.5	Not in use	Not Required
04-025	1029	</=7	4.5	Not in use	Barium 0.893, Cadmium 0.0710, all others non-detect
04-026	162.6	</=11	0.1	Not in use	Non-detect
04-027	na	na	na	na	na
04-028	52.9	</=6	</=1	Not in use	Not Required
04-029	na	na	na	na	na
04-030	57.8 to 222	</=.5 to </=7	0 to 0.2	Not in use	Not Required
04-031	na	na	na	na	na
04-032	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	Not in use	See 04-30 and 04-21
04-033	na	na	na	na	na
04-034	46.2 to 67.9	</=4 to </=7	0 to 0.1	Not in use	Not Required
04-035	1825 to 3003	</=6 to </=9	0 to 0.1	Not in use	Non-detect
04-036	37.9 to 174.4	</=5 to </=9	<1	Not in use	Non-detect
04-037	na	na	na	na	na
04-038	na	na	na	na	na
04-039	na	na	na	na	na
04-040	83.9 to 185.6	</=7 to </=11	0 to 0.8	Not in use	Not Required
04-041	na	na	na	na	na
04-042	75.1	</=6	0.1	<50	Not Required
04-043	na	na	na	na	na
04-044	38.3	<5	0	Not measured	Not Required

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
04-045	Not measured	Not measured	Not measured	Not measured	Not measured
04-046	513	<8	0	<50	Not Required
04-047	712	<8	0	<50	Not Required
04-048	962	<8	0	>50	Not Required
04-049	243	<8	0	Not measured	Not Required
04-050	41.9	</=7	0.2	Not measured	Not Required
04-051	860	</=9	0.3	Not measured	Non-detect
04-052	39.5	</=4	0.1	Not measured	Not Required
04-053	451.1	</=7	<1	Not measured	Not Required
04-054	98.4	</=6	0.4	Not measured	Not Required
04-055	41.1	</=5	0	Not measured	Not Required
04-056	583	</=6	0.2	Not measured	Not Required
04-057	180.5	</=11	0.4	<50	Not Required
05-001	66.3	</=13	0.3	<50	Not Required
05-002	77.4 to 102.3	<8	0	2<50	Not Required

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
05-003	Not measured	</=33 to 680	Not measured	Not measured	Ba 0.37 to 3.0, Ni 0.06 to 0.17, all others non-detect
05-004	13.05	</=7	0.2	Not measured	Not Required
05-005	118.8	</=6	0.1	Not measured	Not Required
05-006	na	na	na	na	na
05-007	89.5	</=6	0	<50	Not Required
05-008	Not measured	Not measured	Not measured	Not measured	Not measured
05-009	61	</=8	0.8	<50	Not Required
05-010	789	</=9	0	~50	Not Required
05-011	na	na	na	na	na
05-012	80.8	</=6	0.4	<50	Not Required
05-013	51.1	</=7	0.5	<50	Not Required
05-014	na	na	na	na	na
05-015	16.4 to 41.0	</=6 to </=11	0 to 0.4	5 samples <50	Not Required
05-016	na	na	na	na	na
05-017	na	na	na	na	na
05-018	na	na	na	na	na
05-019	na	na	na	na	na
05-020	Not measured	Not measured	Not measured	Not measured	Not measured

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
05-021	Not measured	Not measured	Not measured	Not measured	Not measured
05-022	105.7	</=9	0	<50	Not Required
05-023	22.7	</=7	0.2	<50	Not Required
05-024	15.2 to 1281	<8	0	1 > 50	Ag 0.01, As 0.08, Ba 0.28, Cd 0.01, Cr 0.02, Hg 0.0002, PB 0.035, Se non-detect
05-025	Not measured	Not measured	Not measured	Not measured	Not measured
05-026	3930	< 8	0	< 50	Ba 0.68, all others non-detect
05-027	na	na	na	na	na
05-028	na	na	na	na	na
05-029	365	< 8	0	< 50	Not Required
05-030	404	< 8	0	Not measured	Not Required
05-031	na	na	na	na	na
05-032	266 to 383 < 8	< 8	0	3 < 50	Not Required
05-033	215	< 8	0	Not Sampled	Not Required
05-034	na	na	na	na	na
05-035	187 to 383	< 8	0	2 < 50	Not Required

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
05-036	147.1	< 8	0	Not measured	Not Required
05-037	Not Required	Not Required	Not Required	Not Required	Not Required
05-038	na	na	na	na	na
05-039	na	na	na	na	na
05-040	na	na	na	na	na
05-041	na	na	na	na	na
05-042	174	<9	0	> 50	Not Required
05-043	na	na	na	na	na
05-044	na	na	na	na	na
05-045	na	na	na	na	na
05-046	113.6	< 8	0	< 50	Not Required
05-047	64.4	< 8	0	Not Required	Not Required
05-048	Not Required	Not Required	Not Required	Not Required	Not Required
05-049	Not measured	Not measured	Not measured	Not measured	Not measured
05-050	126.1	< 8	0	Not measured	Not Required
05-051	na	na	na	na	na
05-052	na	na	na	na	na
05-053	236	, 8	0	Not measured	Not Required
05-054	na	na	na	na	na
05-055	3030	< 8	0	Not measured	Non-detect
05-056	na	na	na	na	na
05-057	91.4	< 8	0	< 50	Not Required
05-058	na	na	na	na	na

	Excavated Soil at SLEP or Rolloff Box Field Screening Results				
ERN # (03-05)	**Conductivity (uS/cm)**	**Gamma (uR/hr)**	**Organic Vapors (ppm)**	**PCB Field Test Kit (ppm)**	**TCLP RCRA Metals (mg/L)**
EEP Screening Level	**< 1000**	**< 30.5**	**< 3**	**< 50**	**--**
05-059	na	na	na	na	na

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
03-024	na	na	na	0
03-026	na	na	na	0
03-031	na	na	na	0
03-037	Not Required	Non-detect	Non-detect	20
03-038	na	na	na	0
03-039	Not Required	Not Required	0.0757	5
03-040	Not Required	3 samples, 1 sample hexachlorobenzene 1.60 ppm, all others non-detect	3 PCB samples <1	60
03-041	Not Required	Not Required	0.097	120
03-042	na	na	na	0
03-043	na	na	na	0
03-044	na	na	na	0
03-045	Not Required	Non-detect	0.144	20
03-046	na	na	na	0
03-047	na	na	na	0
03-048	Not Required	Non-detect	Non-detect	5
03-049	see E03-040	see E03-040	see E03-040	1
03-050	Not Required	Not Required	Not Required	1500
03-051	Not Required	Not Required	<1	5

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
03-052	Not Required	Not Required	Non-detect	5
03-053	Not Required	Non-detect	0.0932 and 39.3	20 (not from this project)
03-054	na	na	na	0
03-055	Not Required	Non-detect	0.522	10
03-056	Not Required	Non-detect	0.382	5
03-057	na	na	na	0
03-058	na	na	na	0
03-059	na	na	na	0
03-060	na	na	na	0
03-061	Not Required	Non-detect	0.441	5
03-062	na	na	na	0
03-063	Not Required	Not Required	1.659 to 2.032	40
03-064	Not Required	Dimethylphthalate 0.41, all others non-detect.	91	25
04-001	Not Required	4 samples. All non-detect	0.1 to 1.7 and one non-detect	80
04-002	na	na	na	0
04-003	Not Required	VOCs non-detect. SVOCs: chrysene 0.355, fluoranthene 0.459, pyrene 0.412	0.139	20
04-004	Not Required	Non-detect	30.9	20

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
04-005	Not Required	VOCs: o-xylene 0.145, styrene 0.357, dimethylphthalate 3.21, SVOCs non-detect	Non-detect	5
04-006	Not Required	Non-detect	0.124 to 0.357	40
04-007	Not Required	Non-detect	7.96	5
04-008	na	na	na	0
04-009	Not Required	Non-detect	Non-detect	5
04-010	Not Required	Non-detect	0.463	10
04-011	Not Required	Non-detect	0.102	20
04-012	Not Required	Not Required	0.046 to 36.2	120
04-013	Not Required	Not Required	0.0917	20
04-014	Not Required	VOCs non-detect. SVOCs: fluoranthene 0.489, phenanthrene 0.516	0.585	10
04-015	Not Required	Not Required	0.321	1
04-016	na	na	na	0
04-017	Not Required	Not Required	0.0948 to 0.124	45
04-018	Not Required	Not Required	1.659 to 2.032	10
04-019	Not Required	Not Required	Non-detect	5
04-020	na	na	na	0
04-021	Not Required	Not Required	0.166 to 0.214	60
04-022	Not measured	Not measured	Not measured	1

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
04-023	Not measured	Not measured	Not measured	20
04-024	Not Required	Not Required	4.19	20
04-025	Not measured	Non-detect	568	5
04-026	Not Required	Not Required	0.389	10
04-027	na	na	na	0
04-028	Not Required	Not Required	0.1053	10
04-029	na	na	na	0
04-030	Not Required	Not Required	0.0494	110
04-031	na	na	na	0
04-032	See 04-30 and 04-21	See 04-30 and 04-21	See 04-30 and 04-21	2
04-033	na	na	na	0
04-034	Not Required	Not Required	Non-detect	60
04-035	Not Required	Not Required	1.72 to 2.93	60
04-036	Not Required	Not Required	Non-detect	70
04-037	na	na	na	0
04-038	na	na	na	0
04-039	na	na	na	5
04-040	Not Required	Not Required	0.0760 to 0.602	80
04-041	na	na	na	0
04-042	Not Required	Not Required	0.127	5
04-043	na	na	na	0
04-044	Not Required	Not Required	Non-detect	10

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
04-045	Not measured	Not measured	Not measured	400
04-046	Not Required	Not Required	0.378	1
04-047	Not Required	Not Required	19.2	50
04-048	Not Required	Not Required	98.9	80
04-049	Not Required	Not Required	1.18	20
04-050	Not Required	Not Required	0.3	10
04-051	Not Required	Not Required	0.981	20
04-052	Not Required	Not Required	Non-detect	20
04-053	Not Required	Not Required	Non-detect	20
04-054	Not Required	Not Required	Non-detect	5
04-055	Not Required	Not Required	9.34	5
04-056	Not Required	Not Required	0.404	1
04-057	Not Required	Not Required	0.54	5
05-001	Not Required	Not Required	79.6	20
05-002	Not Required	Not Required	0.988 to 1.594	40

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
05-003	Not measured	Not measured	0.13 to 8.15	55
05-004	Not Required	Not Required	Non-detect	5
05-005	Not Required	Not Required	Non-detect	<5
05-006	na	na	na	na
05-007	Not Required	Not Required	1.33	5
05-008	Not measured	Not measured	0.0458	1
05-009	Not Required	Not Required	0.152	20
05-010	Not Required	Not Required	0.677	15
05-011	na	na	na	0
05-012	Not Required	Not Required	0.104	20
05-013	Not Required	Not Required	Non-detect	20
05-014	na	na	na	0
05-015	Not Required	Not Required	0.1894, 1.426, 1.56, 2.55, 11.15	140
05-016	na	na	na	0
05-017	na	na	na	0
05-018	na	na	na	0
05-019	na	na	na	10
05-020	Not measured	Not measured	Not measured	50

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
05-021	Not measured	Not measured	Not measured	30
05-022	Not Required	Not Required	1.47	20
05-023	Not Required	Not Required	Non-detect	5
05-024	Not Required	Not Required	8 Non-detect	2800
05-025	Not measured	Not measured	Not measured	10
05-026	Not Required	Not Required	0.989	10
05-027	na	na	na	0
05-028	na	na	na	0
05-029	Not Required	Not Required	0.774	10
05-030	Not Required	Not Required	0.0378	10
05-031	na	na	na	0
05-032	Not Required	Not Required	0.328, 0.49, 0.518	380
05-033	Not Required	Not Required	Non-detect	5
05-034	na	na	na	0
05-035	Not Required	Not Required	0.282, 1.34	36

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
05-036	Not Required	Not Required	1.68	30
05-037	Not Required	Not Required	Not Required	30
05-038	na	na	na	0
05-039	na	na	na	0
05-040	na	na	na	0
05-041	na	na	na	0
05-042	Not Required	Not Required	46	10
05-043	na	na	na	0
05-044	na	na	na	0
05-045	na	na	na	0
05-046	Not Required	Not Required	1.14	35
05-047	Not Required	Not Required	0.0467	10
05-048	Not Required	Not Required		0
05-049	Not measured	Not measured	4.8	10
05-050	Not Required	Not Required	1.45	10
05-051	na	na	na	0
05-052	na	na	na	0
05-053	Not Required	Not Required	125.7	32
05-054	na	na	na	0
05-055	Not Required	Not Required	0.595	20
05-056	na	na	na	na
05-057	Not Required	Not Required	0.0503	10
05-058	na	na	na	0

Excavated Soil at SLEP or Rolloff Box Laboratory Results				
ERN # (03-05)	**Uranium, Radium, Thorium (pCi/g)**	**VOCs and SVOCs (mg/kg)**	**PCBs (ppm)**	**Volume Excavated (cy)**
EEP Screening Level	--	--	--	--
05-059	na	na	na	0

																				Onsite - Before or During Excavation Field Screening Results					Onsite - Before o Laboratory Resu
ERN #	Plant Sector	Department Number	Department Name	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)
																			EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50	
06-001	R&D	70	R&D	Brian Adams	Stair Foundation and Landing	1/3/2006	1/4/2006	1/6/2006	2/2/2006	2/16/2006	10/30/2006	Ron Barker	Yes	Not a SF Area	NA	NA	NA	NO	Not a SF Area	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-002	Ext	143	Sand Chlor	Rick Baker	Chlorine Header Building Foundation	1/3/2006	1/4/2006	1/6/2006	2/4/2006	5/15/2006	10/30/2006	Ron Barker	Yes	No	PW-27A, PW-24A	Manganese not met.	No previous data.	YES	No prior investigations.	EC-71878, EC-71881	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-003	Fab	773	Roads and Grounds	Don McCall	Dig 2 holes for Posts to Protect Gas Main	1/4/2006	1/5/2006	1/9/2006	1/12/2006	2/2/2006	10/30/2006	Ron Barker	Yes	Yes	PW-27A, PW-24A	Manganese not met.	PCBs in shallow soil.	YES	Area known for high level of PCBs.	EC-71323, EC-71446	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-004	Fab	26	Roads and Grounds	Bill Moore	Investigate/Repair Collapsed Drain Line	1/5/2006	1/6/2006	1/10/2006	1/12/2006	2/2/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Trace PCBs in shallow soil.	NO - post sample only.	Previously evaluated as clean fill. Post sample only.	EC-71444	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-005	Fab	92	Environmental	Bill Moore	Install 4" Stl Casing w. Terminations Vaults	1/5/2006	1/6/2006	1/10/2006	3/3/2006	3/3/2006	10/30/2006	Ron Barker	Yes	No	PW-30A	TCA and DCE not met.	Trace PCBs in shallow soil. VOCs in groundwater.	YES	No prior investigations on the west side of the WC fence. No evaluation required for the east side.	EC-71394	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-006	Fab	244	Powder Met	Brian Adams	Building #38 Concrete Foundation	1/5/2006	1/6/2006	1/10/2006	1/12/2006	2/16/2006	10/30/2006	Ron Barker	Yes	Yes	PW-45A, PW 73A/73B	DCE and VC not met in PW-45A and PW-73B. TCE not met in PW-73B	PCBs in shallow soil.	YES	Area known for high level of PCBs.	EC-71317-EC-71322	5.72, 6.56, 5.6, 5.72	82.2, 95.9, 50.7, 88.3	<10, <10, <10, <10	0.8, 0.6, 3.8, 2.5, 2, 14, 30, 1	>50, >50, >50, >50	Not required.
06-007	Fab	281	PMS	Bil Moore	Remove Rock Roadway for Asphalt	1/10/2006	1/11/2006	--	--	--	--	Ron Barker	No	No	PW-89A	NA	No previous data.	NO - asphalt removal only.	No material removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-008	Fab	190	Thermite	Bill Moore	Expose Leaking Air Line	1/10/2006	1/11/2006	1/12/2006	1/14/2006	2/2/2006	10/30/2006	Ron Barker	Yes	Yes	PW-82A	Nitrate not met.	<10 ppm PCBs.	NO - post PCB sample only.	Area previously evaluated. Less than 10 ppm PCBs found.	EC-71445	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-009	Fab	148	Ammonia Recovery	Brian Adams	Replace unsafe steel ladder w/new one & a concrete landing	1/19/2006	1/20/2006	1/24/2006	1/20/2006	10/27/2006	10/30/2006	Ron Barker	No	Yes	NA	NA	Previous - E-03-010 and E-05-029. Trace PCBs in shallow soil.	NO - post sample if soil removed.	Area previously evaluated.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-010	Fab	148	Ammonia Recovery	Larry Friesen	V-2 Treatment Berm Stairs	1/25/2006	1/2752006	1/27/2006	2/2/2006	2/10/2006	10/30/2006	Ron Barker	No	Yes	PW-03A	Yes	PCBs in shallow soil.	NO - asphalt removal only.	No material removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-011	Fab	432	Extrusions	Alan Antrim	Jib Crane Footing at EBMS	1/30/2006	1/30/2006	2/1/2006	3/7/2006	4/14/2006	10/30/2006	Ron Barker	No	Yes	NA	NA	Trace PCBs in shallow soil.	NO - post sample if soil removed.	Previously evaluated area.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-012	Fab	92	Environmental	Aaron Pack	Groundwater from FW4 to CT-2	2/14/2006	2/15/2006	2/20/2006	2/16/2006	10/30/2006	10/30/2006	Ron Barker	Yes	Yes	None	NA	Adjacent excavation E-02-034 showed >100 ppm PCBs.	YES	Area known for high level of PCBs.	EC-71443, EC-71448	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-013	Fab	92	Environmental	Aaron Pack	Reroute CT-6 Return Line	2/14/2006	2/15/2006	2/20/2006	2/21/2006	3/3/2006	10/30/2006	Ron Barker	Yes	Yes	PW-82A	Nitrate not met.	Most of area previously investigated (E-98-062 and E-03-010). PCBs around 1 ppm.	YES	Surrounding area know to have approximately 1 ppm PCBs.	EC-71395, EC-71447	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-014	South164	164	Zr Rrduction	Wes Hilliker	Sponge Breakpout Press	2/27/2006	2/27/2006	3/1/2006	3/1/2006	10/30/2006	10/30/2006	Ron Barker	No	Yes	PW-25A	Yes	PCBs in shallow soil.	NO - concrete removal only.	No material removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-015	Fab	322	Fabrications	Gary Middlestadt	Install Bollard at Scale	2/13/2006	3/9/2006	3/14/2006	3/20/2006	4/14/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Previous evaluation (E-04-054) showed non-detect PCBs.	NO - post sample only.	Previously evaluated area.	EC-71695	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-016	Ext	162	Pure Chlor	Wes Hilliker	Pure Retort Loading Station Floor	3/9/2006	3/9/2006	3/9/2006	3/16/2006	3/17/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Low level PCBs in shallow soil.	NO - post sample only.	Previously evaluated area.	EC-71696	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-017	Solids Area	90	Waste Management	Ryan Bodily	Repair SLEP Pad Sump Transfer Line	3/14/2006	3/15/2006	3/15/2006	3/17/2006	3/20/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Surface soil removed under Magnesium Resource Recovery Project.	NO - post sample only.	Previously evaluated (Mag. Mountain removal project)	EC-71697	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-018	Ext	162	Pure Chlor	Dave Larson	Core Samples - Pure Chlor Floor - 16 PLCS	3/1452006	3/15/2006	3/15/2006	3/15/2006	10/27/2006	10/30/2006	Ron Barker	No	Yes	NA	NA	Previous evaluation (E-98-064) showed <1 ppm PCBs.	NO - post sample if soil removed.	Previously evaluated area.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

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ERN #	Plant Sector	Department Number	Department Name	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)
																			EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50	
06-019	Fab	773	Powder Met	Brian Adams	Trench from East End of B38 to Sewer near Medical Center	3/17/2006	3/20/2006	3/21/2006	3/23/2006	4/14/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	PCBs in shallow soil.	YES	PCBs expected.	EC-71694	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-020	Ext	26	Roads and Grounds	Wes Hilliker	Replace section of Damaged Asphalt Roadway	3/16/2006	3/20/	3/13/2006	Project Cancelled			--	Yes	Yes	NA	NA	PCBs.	YES	Excavation near areas with past PCB concentrations.	--	--	--	--	--	--	--
06-021	Fab	414	Fabrications	Bob Henderson	Remove Concrete in B-106 for New Tracks	3/20/2006	3/30/2006	3/30/2006	4/3/2006	4/27/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Previous evaluation 04-014 showed PCBs, Ba, Flouranthrene, and Phenanthrene.	NO - post sample only.	Previously evaluated area.	EC-71880	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-022	Fab	322	Fabrications	Steve Starr	Install New Sump in the Grind Shack	3/22/2006	3/22/2006	3/23/2006	5/30/2006	6/2/2006	10/30/2006	Ron Barker	Yes	Yes	PW-78A	Yes	Previously investigated. No contaminants detected.	NO - post sample only.	Previously evaluated area.	EC-73018	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-023	Ext	90	Environmental	Jamie Gibbs	Remove Asphalt for New Concrete Footing	3/23/2006	3/24/2006	3/31/2006	3/27/2006	4/14/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Trace PCBs in shallow soil.	NO - post sample only.	Previously evaluated area.	EC-71698	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-024	Fab	430	Extrusions	Alan Antrim	Jib Crane Foundation - EBMS	3/30/2006	3/30/2006	3/31/2006	4/3/2006	4/14/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Previously investigated (E-02-038). No contaminants detected.	NO - post sample only.	Previously evaluated area.	EC-71699	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-025	Ext	90	Environmental	Bill Moore	Double Contained Lime Line Replacement	4/12/2006	4/12/2006	4/17/2006	4/19/2006	6/2/2006	10/30/2006	Ron Barker	Yes	No	NA	NA	Area along Truax Creek composed of clean fill. Other area uninvestigated.	YES	No prior investigations.	EC-71879	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-026	Fab	26	Plant Services	Bill Moore	Security Fence Installation	5/9/2006	5/9/2006	5/10/2006	5/10/2006	5/10/2006	10/30/2006	Ron Barker	Yes	No	NA	NA	None	NO	Along North property boundary.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-027	Fab	265	Melting	Justin Wu	Melting Expansion Project	5/9/2006	5/9/2006	5/12/2006	6/2/2006	10/25/2006	10/30/2006	Ron Barker	Yes	No	PW-70A	Yes	NA	YES	No prior investigations.	EC-73019, EC-73020, EC-73021, EC-73014, EC-73015, EC-73016	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-028	Ext	146	Separations	Cody Kenny	Bldg. #11 - Phase VIIII	5/16/2006	5/16/2006	5/18/2006	7/24/2006	9/18/2006	10/30/2006	Ron Barker	Yes	Yes	NA	NA	Previously investigated. No contaminants detected.	NO - post sample only.	Previously evaluated area.	EC-73213	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-029	Ext	772	Plant Services	Jamie Gibbs	Trench for power to RR Xing	5-116-06	5/16/2006	5/18/2006	5/26/2006	6/2/2006	10/30/2006	Ron Barker	Yes	No	None	NA	Area not previously investigated.	YES	No prior investigations.	EC-73013, EC-73017	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-030	Ext	146	Separations	Justin Wu	Hafnium Kiln Replacement	5/24/2006	5/24/2006	5/24/2006	5/24/2006	9/18/2006	10/30/2006	Ron Barker	Yes	No	PW-23A, PW-24A	Manganese not met.	Area not previously investigated.	YES	No prior investigations.	EC-73216, EC-73217, EC-73224	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-031	Ext	164	Mag. Recovery	Cody Kenny	Bldg. #61 Demolition	6/21/2006	6/21/2006	6/20/2006	7/10/2006	9/18/2006	10/30/2006	Ron Barker	Yes	No	PW-24A, PW-27A	Manganese not met.	NA	YES	No prior investigations.	EC-73212, EC-73214, EC-73219	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-032	Ext	162	Sand Chlor	Dave Larson	Retort Loading Station	7/12/2006	7/12/2006	7/27/2006	8/1/2006	9/18/2006	10/30/2006	Ron Barker	Yes	Yes	PW-57A	TCE not met.	Trace PCBs in shallow soil.	NO	Previously evaluated area.	EC-73223, EC-75664	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

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																			EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50	
06-033	Fab	148	Ammonia Recovery	Aaron Pack	Spill Clean-up	7/17/2006	7/18/2006	7/27/2006		7/27/2006	10/30/2006	Ron Barker	Yes	No	PW-16A	TCA not met.	Area not previously investigated.	YES	No prior investigations.	EC-73221	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-034	NA	NA	Plant Services	Bill Moore	EB Melting City Water Leak	7/17/2006	7/18/2006	7/27/2006		7/27/2006	10/30/2006	Ron Barker	Yes	NA	NA	NA	NA	NO	Area not a Superfund area.	EC-73220, EC-75665	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-035	Ext	162	Pure Chlor	Wes Hilliker	Replace Section of Concrete Roadway	7/18/2006	7/18/2006	7/27/2006	8/7/2006	9/18/2006	10/30/2006	Ron Barker	Yes	Yes	PW-47A, PW-57A	TCE not met. DCE not met at PW-47A.	PCBs in shallow soil.	YES	PCBs expected.	EC-75642	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-036	Solids Area	90	Environmental	Aaron Pack	Memtek Floor	7/20/2006	7/21/2006	7/27/2006	7/27/2006	10/27/2006	10/30/2006	Ron Barker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-037	Ext	162	Pure Chlor	Dave Larson	Reactor Track Replacement	7/26/2006	7/26/2006	7/27/2006	8/1/2006	9/18/2006	10/30/2006	Ron Barker	Yes	Yes	PW-23A	Flouride and manganese not met.	Trace PCBs in shallow soil.	NO - post sample only.	Previously evaluated area.	EC-73222	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-038	Ext	178	Plant Services	Bill Moore	Drain Line Repair	7/26/2006	7/26/2006	8/1/2006	8/16/2006	9/18/2006	10/30/2006	Ron Barker	No	No	None	NA	Area not previously investigated.	YES - if soil removed.	No prior investigations.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-039	Ext	164	Plant Services	Bill Moore	Salt Trailer Asphalt Repairs	7/31/2006	7/31/2006	8/8/2006	8/16/2006	9/18/2006	10/30/2006	Ron Barker	No	Yes	PW-25A	Yes	Low level PCBs in shallow soil.	NO - post sample only if soil removed.	Previously evaluated area.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-040	Ext	164		Bill Moore	Asphalt Repairs Below Zr Foreman's Office	7/31/2006	7/31/2006	8/8/2006	8/16/2006	9/18/2006	10/30/2006	Ron Barker	No	Yes	PW-25A	Yes	Less than 1 ppm PCBs detected in previous investigation E01-002.	NO - asphalt removal only.	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-041	Ext	160	Pure Chlor	Wes Hilliker	Replace Asphalt with Concrete Inside Bldg #53	8/8/2006	8/8/2006	8/16/2006	8/18/2006	9/15/2006	10/30/2006	Ron Barker	Yes	Yes	PW-25A	Yes	High level PCBs in shallow soil.	YES	Prior investigations showed high levels of PCBs.	EC-73215, EC-73225, EC-75677, EC-75678	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-042	Ext	144		Dave Post	Install Bollards at Feed Make-up	8/8/2006	8/8/2006	8/16/2006	8/18/2006	8/18/2006	10/30/2006	Ron Barker	No	Yes	PW-52A	Cadmium, flouride, and manganese not met.	Less than 1 ppm PCBs detected in previous investigation E95-047.	NO - asphalt removal only.	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-043	Fab	225		Dave Post	Install Bollard at Co-Gen	8/8/2006	8/8/2006	8/16/2006	8/18/2006	8/18/2006	10/30/2006	Ron Barker	No	No	PW-20A	Yes	Area not previously investigated.	NO - asphalt removal only.	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-044	Ext	139	Plant Services	Bill Moore	Re-Route Drain Line under Refer Deck	8/8/2006	8/8/2006	8/16/2006	8/18/2006	8/18/2006	10/30/2006	Ron Barker	Yes	No	PW-23A	Flouride and manganese not met.	Area not previously investigated.	YES	No prior investigations.	EC-75641, EC-75667	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-045	Fab	148	Ammonia Recovery	Aaron Pack	Excavate for new heat exchanger foundation	8/9/2006	8/9/2006	8/16/2006	8/18/2006	9/15/2006	10/30/2006	Ron Barker	Yes	Yes	PW-03A	Yes	Low level PCBs in shallow soil.	NO - post sample only.	Previously evaluated area.	EC-73218	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-046	Fab	69	Plant Services	Bill Moore	Expose Drain Line	8/23/2006	8/16/2006	8/21/2006	8/24/2006	9/15/2006	10/30/2006	Ron Barker	Yes	Yes	PW-83A	DCE and VC not met.	Less than 1 ppm PCBs detected in previous investigation E05-029.	NO - post sample only.	Previously evaluated area.	EC-75666, EC-75859	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-047	Fab	290	Maintenance	Don McCall	Bldg. #43 Jib Crane Footing	9/11/2006	9/12/2006	Project Cancelled				NA	NA	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

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ERN #	Plant Sector	Department Number	Department Name	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)
																			EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50	
06-048	Fab	240	Maintenance	Don McCall	Bldg. #17 Jib Crane Footing	10/9/2006	10/10/2006	10/11/2006	4/9/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	PW-74B	Yes	Area not previously investigated.	YES	No prior investigations.	EC-76113, EC-76195	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-049	Ext	93	Plant Services	Bill Moore	Install New Catch Basin	10/11/2006	10/12/2006	10/21/2006	10/21/2006	10/25/2006	10/30/2006	Ron Barker	Yes	No	PW-26A	Yes	Area not previously investigated.	YES	No prior investigations.	EC-75679	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-050	Ext	32	Separations	Dave Larson	24' x 6' x 8"dp Concrete slab	10/19/2006	10/20/2006	10/24/2006	10/25/2006	10/25/2006	10/30/2006	Triple C	No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-051	Fab	248	Powder Met	Don McCall	Bldg. #38 Jib Crane Footing	10/25/2006	10/25/2006	10/31/2006	4/9/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	PW-73B	TCE, DCE, and VC not met.	Area not previously investigated.	YES	No prior investigations.	EC-76125, EC-76196	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-052	Fab	321	Ammonia Recovery	Bryan Murray	HF Berm Repairs	10/26/2006	10/27/2006	11/1/2006	11/1/2006	11/9/2006	1/4/2008	Ron Barker	Yes	Yes	PW-88A	Yes	Low level PCBs in shallow soil.	NO - post sample only.	Previously evaluated area.	EC-75680, EC-75684	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-053	Ext	32	Separations	Justin Wu	West Ammonia Column Foundation	11/20/2006	11/20/2006	11/1/27/06	11/27/2006		1/4/2008	Foundation Engineering	Yes	No	PW-19A	Yes	Area not previously investigated.	YES	No prior investigations.	EC-76101	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-054	Ext	143	Plant Services	Bill Moore	Bore Pit at CB-136	12/20/2006	12/21/2006	11/28/2006	12/15/2006	1/17/2007	1/4/2008	Ron Barker	Yes	No	PW-24A	Manganese not met.	Area not previously investigated.	YES	No prior investigations.	EC-75860	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-055	Fab	32	Extrusion	Bob Henderson	Forge Manipulator Track Replacement	11/30/2006	12/1/2006	Project Cancelled				NA	NA	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-056	Fab	34	Environmental	Frank Hamilton	Utility Trench	12/12/2006	12/12/2006	12/14/2006	12/19/2006	1/17/2007	1/4/2008	Ron Barker	Yes	Yes	PW-88A	Yes	Less than 1 ppm PCBs detected in previous investigation E01-007.	NO - post sample only.	Previously evaluated area.	EC-75897	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-057	Ext	138	Plant Services	Dave Post	Power Pole Replacement	12/15/2006	12/15/2006	Project Cancelled				NA	NA	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-058	Fab	265	Arc Melting	Don McCall	Bldg #166 Jib Hoist	12/18/2006	12/18/2006	10/31/2006	4/9/2007	5/29/2007	1/4/2008	Ron Barker	Yes	Yes	PW-71A	Yes	Less than 1 ppm PCBs detected in previous investigation E00-077.	NO - post sample only.	Previously evaluated area.	EC-76197	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

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ERN #	Plant Sector	Department Number	Department Name	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)
																			EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50	
06-059	Fab	173		Don McCall	Bldg #73 Ribbon Drain	12/18/2006	12/18/2006	1/12/2007	1/17/2007	1/18/2007	1/4/2008	Ron Barker	Yes	Yes	PW-19A	Yes	Less than 1 ppm PCBs detected in previous investigation E00-009.	NO - post sample only.	Previously evaluated area.	EC-75898	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

na = Not applicable

Notes: One sample per 20 cy excavated soil is collected at the SLEP. Soil is screened for field parameters and analyzed for PCBs.
Additional laboratory samples are analyzed if EEP field screening levels are exceeded as follows:
--TCLP metals are analyzed if pH or conductivity measurements exceed screening levels
--Uranium, radium, and thorium are analyzed if gamma readings exceed the screening level
--SVOCs and VOCs are analyzed if organic vapor readings exceed the screening level

Bold = Exceeds screening level
Blue = Laboratory analysis completed

	r During Excavation Its			Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN #	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
				5 to 9	< 1000	< 30.5	< 3	< 50
06-001	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-002	Not required.	Not required.	Not required.	5.25	115.3	<10	0	<50
06-003	Not required.	Not required.	Not required.	6.13	130.2	<8	0	**>50**
06-004	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-005	Not required.	Not required.	Not required.	5.9	32.2	<8	0	<50
06-006	Not required.	Isopropyl toluene 0.377; 1,1,1-Trichloroethane 0.342	1100, 2260, 831, 530	5.42, 5.6	71.0, 435.2	<10, <10	1.0, 1.1	Not required.
06-007	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-008	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-009	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-010	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-011	Not required.	Not required.	Not required.	NA	Not required.	Not required.	Not required.	Not required.
06-012	Not required.	Not required.	Not required.	6.71	21.3	<8	0	<50
06-013	Not required.	Not required.	Not required.	5.12	292	<8	0	<50
06-014	Not required.	Not required.	Not required.	NA	Not required.	Not required.	Not required.	Not required.
06-015	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-016	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-017	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-018	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

	r During Excavation Its			Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN #	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
				5 to 9	< 1000	< 30.5	< 3	< 50
06-019	Not required.	Not required.	Not required.	6.12	132.9	<8	0	~50
06-020	--	--	--	--	--	--	--	--
06-021	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-022	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-023	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-024	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-025	Not required.	Not required.	Not required.	7.73	39.7	<8	0	<50
06-026	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-027	Not required.	Not required.	Not required.	6.56, 6.34, 6.78	45.1, 31.4, 64.5	<8, <8, <8	0, 0, 0	<50, <50, <50
06-028	Not required.	Not required.	Not required.	5.31	1498	<8	0	<50
06-029	Not required.	Not required.	Not required.	5.91	58.3	<8	0	<50
06-030	Not required.	Not required.	Not required.	7.54, 7.59	5560, 5220	<8, <8	0, 0	<50, <50
06-031	Not required.	Not required.	Not required.	5.14, 7.76	107, 3800	<10, <8	0, 0	<50, <50
06-032	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

	r During Excavation Its			Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN #	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
				5 to 9	< 1000	< 30.5	< 3	< 50
06-033	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-034	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-035	Not required.	Not required.	Not required.	6.4	197	8	0	>50
06-036	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-037	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-038	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-039	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-040	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-041	Not required.	Not required.	Not required.	7.04, 7.73	987, 1103	<8, <8	0, 0	<50, <50
06-042	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-043	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-044	Not required.	Not required.	Not required.					
06-045	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-046	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-047	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

	r During Excavation Its			Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN #	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
				5 to 9	< 1000	< 30.5	< 3	< 50
06-048	Not required.	Not required.	Not required.	4.27	32.1	3	0	<50
06-049	Not required.	Not required.	Not required.	6.73	164.7	5	0	<50
06-050	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-051	Not required.	Not required.	Not required.	4.93	11.11	0	0	<50
06-052	Not required.	Not required.	Not required.	6	114	0	0	<50
06-053	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-054	Not required.	Not required.	Not required.	5.56	651	0	0	<50
06-055	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-056	Not required.	Not required.	Not required.	7.21	25.2	0	0	<50
06-057	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.
06-058	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

	r During Excavation Its			Onsite - Post-Excavation (Base Sample) Field Screening Results				
ERN #	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
				5 to 9	< 1000	< 30.5	< 3	< 50
06-059	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.

na = Not

Notes:

	Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results												
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75
					5 to 9	< 1000	< 30.5	< 3	< 50													
06-001	Not required.	Not required.	Not required.	Not required.	--	--	--	--	--	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	None	NA	NA	NA	NA	NA
06-002	Not required.	Not required.	Not required.	ND	6.11	401	<10	0	<50	Not required.	Not required.	Not required.	0.2387	25	cy	Riverbend Landfill McMinnville, OR	0.2387 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
06-003	Not required.	Not required.	Not required.	**93.5**	5.89	74.2	<8	0	**>50**	Not required.	Not required.	Not required.	**380**	10	cy	Chem Waste Management, Arlington, OR	380 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
06-004	Not required.	Not required.	Not required.	Not required.	6.28	50.6	<8	0	<50	Not required.	Not required.	Not required.	0.415	25	cy	Riverbend Landfill McMinnville, OR	0.415 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-005	Not required.	Not required.	Not required.	3.99	5.9	32.2	<8	0	<50	Not required.	Not required.	Not required.	Not required.	15	cy	OWS Columbia Ridge Arlington,OR	3.99 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-006	Not required.	Not required.	Not required.	21.6, 176	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	80	cy	Chem Waste Management, Arlington, OR	21.6 - 2260 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	541.5	190	NA
06-007	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	None	NA	NA	NA	NA	NA
06-008	Not required.	Not required.	Not required.	Not required.	7.14	120.5	<8	0	<50	Not required.	Not required.	Not required.	1.064	20	cy	OWS Columbia Ridge Arlington,OR	1.064 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-009	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	None	NA	NA	NA	NA	NA
06-010	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	None	NA	NA	NA	NA	NA
06-011	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	None	NA	NA	NA	NA	NA
06-012	Not required.	Not required.	Not required.	0.298	7.38	145.3	<8	0	<50	Not required.	Not required.	Not required.	5.81	25	cy	OWS Columbia Ridge Arlington,OR	5.81 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
06-013	Not required.	Not required.	Not required.	ND	6.26	108.6	<8	0	<50	Not required.	Not required.	Not required.	0.1779	15	cy	Riverbend Landfill McMinnville, OR	0.1779 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
06-014	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	None	NA	NA	NA	NA	NA
06-015	Not required.	Not required.	Not required.	Not required.	8.87	84.8	<8	0	~50	Not required.	Not required.	Not required.	0.1333	5	cy	Riverbend Landfill McMinnville, OR	0.1333 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-016	Not required.	Not required.	Not required.	Not required.	6.16	832	<8	0	<50	Not required.	Not required.	Not required.	1.04	20	cy	OWS Columbia Ridge Arlington,OR	1.04 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-017	Not required.	Not required.	Not required.	Not required.	6.83	389	<8	0	<50	Not required.	Not required.	Not required.	0.497	15	cy	Riverbend Landfill McMinnville, OR	0.497 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-018	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	None	NA	NA	NA	NA	NA

	Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results												
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75
					5 to 9	< 1000	< 30.5	< 3	< 50													
06-019	Not required.	Not required.	Not required.	54	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	20	cy	Chem Waste Management, Arlington, OR	54 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	cy	--	--	--	--	--	--	--	--
06-021	Not required.	Not required.	Not required.	Not required.	7.01	952	<8	0	<50	Not required.	Not required.	Not required.	1.102	15	cy	OWS Columbia Ridge Arlington,OR	1.102 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-022	Not required.	Not required.	Not required.	Not required.	8.33	120.7	<8	0	<50	Not required.	Not required.	Not required.	ND	10	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None.	90.25	NA	NA
06-023	Not required.	Not required.	Not required.	Not required.	6.56	157	<8	0	<50	Not required.	Not required.	Not required.	0.913	10	cy	Riverbend Landfill McMinnville, OR	0.913 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-024	Not required.	Not required.	Not required.	Not required.	5.63	174	<8	0	<50	Not required.	Not required.	Not required.	ND	20	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None.	90.25	NA	NA
06-025	Not required.	Not required.	Not required.	Not required.	7.73	39.7	<8	0	<50	Not required.	Not required.	Not required.	0.201	20	cy	Riverbend Landfill McMinnville, OR	0.201 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-026	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-027	Not required.	Not required.	Not required.	ND, ND, ND	6.63, 6.71, 6.59	59.5, 48.3, 69.5	<8, <8, <8	0, 0, 0	<50, <50, <50	Not required.	Not required.	Not required.	ND, ND, ND	100	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None.	541.5	NA	NA
06-028	Arsenic = 0.347, Barium = 8.25, Cadmium = 0.058, Chromium = 1.015, Lead = 0.458, Selenium = ND, Silver = 0.154, Mercury = 0.144	Not required.	Not required.	0.344	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	25	cy	Riverbend Landfill McMinnville, OR	0.344 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-029	Not required.	Not required.	Not required.	0.177	6.33	51.2	<8	0	<50	Not required.	Not required.	Not required.	0.129	25	cy	Riverbend Landfill McMinnville, OR	0.177 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
06-030	Arsenic = 0.429, 0.376; Barium = 11.2, 11.8; Cadmium = ND, ND; Chromium = 1.41, 1.57; Lead = 0.64, 0.595; Selenium = ND, ND; Silver = ND, ND; Mercury = 0.0056, 0.0279	Not required.	Not required.	ND, 0.0581	8.14	3450	<8	0	<50	Not required.	Not required.	Not required.	0.145	120	cy	Riverbend Landfill McMinnville, OR	0.145 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	270.75	NA	NA
06-031	Arsenic = 0.273, Barium = 10.95, Cadmium = 0.0735, Chromium = 2.56, Lead = 0.855, Selenium = ND, Silver = 0.162, Mercury = ND	Not required.	Not required.	0.250, 0.300	5.49	227	<8	0	<50	Not required.	Not required.	Not required.	0.844	30	cy	Riverbend Landfill McMinnville, OR	0.844 ppm PCBs.	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	270.75	NA	118.75
06-032	Not required.	Not required.	Not required.	Not required.	4.4	4154	<8	0	<50	Arsenic = 0.357, Barium = 6.2, Cadmium = 0.3315, Chromium = 9.85, Lead = 5.35, Selenium = ND, Silver = 0.965, Mercury = ND	Not required.	Not required.	1.48	120	cy	OWS Columbia Ridge Arlington,OR	1.48 ppm PCBs, 9.85 mg/L Chromium, 5.35 mg/L Lead	None	No visible contamination	None. PCBs and metals found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	118.75

	Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results												
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75
					5 to 9	< 1000	< 30.5	< 3	< 50													
06-033	Not required.	Not required.	Not required.	Not required.	6.34	33.2	<8	0	<50	Not required.	Not required.	Not required.	ND	15	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-034	Not required.	Not required.	Not required.	Not required.	3.96	434	<8	0	<50	Arsenic = 0.2775, Barium = 11.4, Cadmium = ND, Chromium = 11, Lead = 1.445, Selenium = ND, Silver = 0.0376, Mercury = 0.044	Not required.	Not required.	1.15	20	cy	OWS Columbia Ridge Arlington,OR	1.15 ppm PCBs, 11 mg/L Chromium	None	No visible contamination	None. PCBs and metals found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	118.75
06-035	Not required.	Not required.	Not required.	Not required.	6.4	197	8	0	>50	Not required.	Not required.	Not required.	0.256	30	cy	Riverbend Landfill McMinnville, OR	0.256 ppm PCBs	None	No visible contamination	None. PCBs and metals found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
06-036	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-037	Not required.	Not required.	Not required.	Not required.	6.3	1470	<8	0	<50	Arsenic = 0.441, Barium = 10.05, Cadmium = 0.117, Chromium = 4.26, Lead = 1.07, Selenium = ND, Silver = 0.3215, Mercury = ND	Not required.	Not required.	0.278	40	cy	Riverbend Landfill McMinnville, OR	0.278 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	118.75
06-038	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-039	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-040	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-041	Not required.	Not required.	Not required.	88.4, 45.5	7.81, 6	1167, 268	<8, 5	0, 0	<50, >50	Not required.	Not required.	Not required.	1.61, 69.7	60, 40	cy	Chem Waste Management, Arlington, OR / OWS Columbia Ridge Arlington,OR	111.9 ppm PCBs / 1.61 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	270.75	NA	NA
06-042	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-043	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-044	Not required.	Not required.	Not required.	1.238	6.25	213	0	0	<50	Arsenic = 0.22, Barium = 3.35, Cadmium = ND, Chromium = 1.59, Lead = 0.80, Selenium = ND, Silver = 0.16, Mercury = ND	Not required.	Not required.	1.49	5	cy	OWS Columbia Ridge Arlington,OR	1.49 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
06-045	Not required.	Not required.	Not required.	Not required.	9.1	260	<8	0	<50	Arsenic = 0.307, Barium = 4.635, Cadmium = ND, Chromium = 16, Lead = 1.605, Selenium = ND, Silver = ND, Mercury = ND	Not required.	Not required.	0.0581	10	cy	Riverbend Landfill McMinnville, OR	0.0581 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-046	Not required.	Not required.	Not required.	Not required.	7.12	1936	0	0	<50	Arsenic = 0.24, Barium = 5.9, Cadmium = ND, Chromium = 12.35(<0.01 when retested), Lead = 1.37, Selenium = ND, Silver = 0.027, Mercury = ND	Not required.	Not required.	1.93	1	cy	OWS Columbia Ridge Arlington,OR	1.93 ppm PCBs	None	No visible contamination	None. PCBs and metals found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles. Metals detected below actionable levels.	90.25	NA	118.75
06-047	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA

	Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results												
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75
					5 to 9	< 1000	< 30.5	< 3	< 50													
06-048	Not required.	Not required.	Not required.	ND	6.95	73.8	0	0	<50	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None. No contaminants of concern detected.	90.25	NA	NA
06-049	Not required.	Not required.	Not required.	ND	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	8	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None. No contaminants of concern detected.	90.25	NA	NA
06-050	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-051	Not required.	Not required.	Not required.	1.74	6.45	104.1	0	0	<50	Not required.	Not required.	Not required.	57.2	2	cy	Chem Waste Management, Arlington, OR	57.2 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-052	Not required.	Not required.	Not required.	1.125	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	1.645	2.5	cy	OWS Columbia Ridge Arlington,OR	1.645 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
06-053	Not required.	Not required.	Not required.	Not required.	7	482	0	0	<50	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None. No contaminants of concern detected.	90.25	NA	NA
06-054	Not required.	Not required.	Not required.	Not required.	5.56	651	0	0	<50	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None. No contaminants of concern detected.	90.25	NA	NA
06-055	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-056	Not required.	Not required.	Not required.	Not required.	7.21	25.2	0	0	<50	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None. No contaminants of concern detected.	180.5	NA	NA
06-057	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA	NA	NA	NA	NA
06-058	Not required.	Not required.	Not required.	Not required.	6.69	99.8	0	0	<50	Not required.	Not required.	Not required.	0.04	3	cy	Riverbend Landfill McMinnville, OR	0.04 ppm PCBs	None	No visible contamination	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA

	Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results												
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75
					5 to 9	< 1000	< 30.5	< 3	< 50														
06-059	Not required.	Not required.	Not required.	Not required.									ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination	None. No contaminants of concern detected.	90.25	NA	NA
													TOTAL	911.5	cy						5776	190	593.75

na = Not

Notes:

ERN #	Plant Sector	Department	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	Onsite - Before or During Excavation Field Screening Results: pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
																		EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50
07-001			Rick Baker	Add Bollards Around Chlorine Header Bldg.	1/8/2007	1/9/2007	1/11/2007	1/13/2007	1/17/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area previously uninvestigated.	EC-75886	Not required.	Not required.	Not required.	Not required.	Not required.
07-002			Aaron Pack	V-2 Demolition	1/12/2007	1/18/2007	1/22/2007	1/22/2007	1/22/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area previously uninvestigated.	EC-75899, EC-75980	Not required.	Not required.	Not required.	Not required.	Not required.
07-003			Bill Moore	Storm Drain Valve Box	1/18/2007	1/18/2007	1/22/2007	1/24/2007	2/28/2007	1/4/2008	Ron Barker	Yes	Yes	PW-30A	TCA and DCE not met.	Low level PCBs in previous investigation E00-071.	NO - Post sample only.	Area previously investigated.	EC-75900	Not required.	Not required.	Not required.	Not required.	Not required.
07-004			Bill Frey	Power Pole Replacement	1/23/2007	1/24/2007	1/27/2007	3/15/2007	4/16/2007	1/4/2008	Bill Frey	No	Yes	PW-77A	TCE and VC not met.	Low level PCBs previously detected.	NO - Post sample only if soil removed.	Area previously investigated.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-005			Dean Eisenbacher	Bldg. #75 Paving	1/30/2007	1/30/2007	2/2/2007	3/21/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	NA	NA	NA	NO	Area not under CERCLA.	EC-76396	Not required.	Not required.	Not required.	Not required.	Not required.
07-006			Dave Larson	Bldg. #10 Electrical Vault	2/1/2007	2/1/2007	2/2/2007	Project Cancelled				No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-007			Bob Henderson	Hot Mill Shear Replacement	2/5/2007	2/6/2007	2/9/2007	4/9/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	PW-77A	TCE and VC not met.	Area not previously investigated. Low level PCBs detected in nearby excavations	YES	Area not previously investigated.	EC-76124, EC-76126, EC-76329, EC-76330	Not required.	Not required.	Not required.	Not required.	Not required.
07-008			Brian Adams	Extrusion Locker Room	2/5/2007	2/6/2007	2/9/2007	2/22/2007	4/2/2007	1/4/2008	Ron Barker	Yes	Yes	PW-77A	TCE and VC not met.	Low level PCBs in previous investigation E04-011.	NO - Post sample only.	Area previously investigated.	EC-75981	Not required.	Not required.	Not required.	Not required.	Not required.
07-009			Dave Post	Poles for Area Lighting	2/9/2007	2/10/2007	2/14/2007	2/20/2007	4/16/2007	1/4/2008	Dave Post	No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-010			Bill Moore	Expose Leaking Air line	2/15/2007	2/16/2007	2/16/2007	2/21/2007	2/28/2007	1/4/2008	Ron Barker	Yes	No	PW-16A	DCE not met.	None.	YES	Area not previously investigated.	EC-75982	Not required.	Not required.	Not required.	Not required.	Not required.
07-011			Scott Coffin	Floor Repair	2/23/2007	2/23/2007	3/5/2006	8/17/2007	10/11/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76501, EC-76708	Not required.	Not required.	Not required.	Not required.	Not required.
07-012			Walt Bush	Excavate for Electrical Conduit	3/4/2007	3/6/2007		3/15/2007	4/2/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76198	Not required.	Not required.	Not required.	Not required.	Not required.
07-013			Bill Moore	Plant Water Leak	3/6/2007	3/8/2007		Emergency Excavation		1/4/2008	Ron Barker	Yes	No	PW-82A	Nitrate not met.	None.	NO	Emergency Excavation	EC-76007, EC-76199	Not required.	Not required.	Not required.	Not required.	Not required.
07-014			Bill Moore	City Water Leak	3/15/2007	3/15/2007		3/20/2007	4/2/2007	1/4/2008	Ron Barker	Yes	Yes	PW-19A	Yes	Low level PCBs previously detected.	NO - Post sample only.	Area previously investigated.	EC-76200	Not required.	Not required.	Not required.	Not required.	Not required.
07-015			Matt Vosburg	Install Bollards	4/3/2007	4/3/2007	4/6/2007	5/16/2007	5/29/2007	1/4/2008	Ron Barker	No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-016			Frank Davis	Cut Utility Trench at CA Line	4/11/2007	4/12/2007	4/14/2007	4/20/2007	4/24/2007	1/4/2008	Ron Barker	Yes	No	PW-76A	Yes	None.	YES	Area not previously investigated.	EC-76123, EC-76201	Not required.	Not required.	Not required.	Not required.	Not required.

ERN #	Plant Sector	Department	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	Onsite - Before or During Excavation Field Screening Results: pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
																		EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50
07-017			Walt bush	Remove Material in Prep for Paving - West of Bldg. #13	4/13/2007	4/13/2007	4/17/2007	4/23/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	PW-76A	Yes	None.	YES	Area not previously investigated.	EC-76331	Not required.	Not required.	Not required.	Not required.	Not required.
07-018			Bill Moore	Replace 6" Clay Pipe	4/13/2007	4/16/2007		4/23/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76202	Not required.	Not required.	Not required.	Not required.	Not required.
07-019			Bill Moore	Expose Damaged Section of a 12" Clay Pipe	4/13/2007	4/16/2007	4/13/2007	4/23/2007	10/11/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76503	Not required.	Not required.	Not required.	Not required.	Not required.
07-020			Bill Moore	Replace 8" Clay Pipe	4/13/2007	4/16/2007	4/17/2007	4/23/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76204	Not required.	Not required.	Not required.	Not required.	Not required.
07-021			Bill Moore	Install New Manhole at WWT	4/13/2007	4/16/2007	4/17/2007	6/11/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76310, EC-76332	Not required.	Not required.	Not required.	Not required.	Not required.
07-022			Bill Moore	Install New Manhole at Rec	4/23/2007	4/27/2007	4/25/2007	5/5/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	PW-49A	Yes	None.	YES	Area not previously investigated.	EC-76205, EC-76206	Not required.	Not required.	Not required.	Not required.	Not required.
07-023			Bill Moore	Receiving Area Paving	4/25/2007	4/26/2007	4/30/2007	6/4/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	PW-49A	Yes	None.	YES	Area not previously investigated.	EC-76333	Not required.	Not required.	Not required.	Not required.	Not required.
07-024			Loren Humphrey	Distallation Furnace Pump Room Drain	5/1/2007	5/1/2007	5/1/2007	5/5/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76207	Not required.	Not required.	Not required.	Not required.	Not required.
07-025			John Elder	Argon Tank Pad	5/1/2007	5/2/2007	5/7/2007	5/7/2007	5/29/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76208, EC-76209	Not required.	Not required.	Not required.	Not required.	Not required.
07-026			Rich Green	Ground Water Well at CT-#4	5/3/2007	5/3/2007	5/3/2007	5/21/2007	5/29/2007	1/4/2008	Ron Barker	No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-027			Jesse Krieger	Excavate for Concrete Pad	5/15/2007	5/16/2007	5/25/2007	6/4/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	PW-76A	Yes	None.	YES	Area not previously investigated.	EC-76334	Not required.	Not required.	Not required.	Not required.	Not required.
07-028			Mike Cochran	Replace Well Discharge Pipe	5/16/2007	5/16/2007	5/25/2007	5/29/2007	7/16/2007	1/4/2008	Ron Barker	No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-029			Wes Hilliker	Concrete Floor - Bldg. #53	5/21/2007	5/21/2007	5/25/2007	6/18/2007	7/16/2007	1/4/2008	Ron Barker	No	No	PW-25A	Yes	None.	NO	No soil removed.	EC-76314, EC-76315	Not required.	Not required.	Not required.	Not required.	Not required.
07-030			James Raber	West Sump Platform	5/21/2007	5/21/2007	5/25/2007	6/12/2007		1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76311, EC-76335	Not required.	Not required.	Not required.	Not required.	Not required.
07-031			Wes Hilliker	New Drain Line Bldg 82 NW Corner	5/25/2007	5/25/2007	5/25/2007	5/29/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76312, EC-76336	Not required.	Not required.	Not required.	Not required.	Not required.
07-032			Frank Susnik	New Power Pole	6/11/2007	6/11/2007	6/13/2007		7/25/2007	1/4/2008	Poteko	No	No	PW-71A	Yes	None.	NO	No soil removed.	EC-76386	Not required.	Not required.	Not required.	Not required.	Not required.
07-033			Wes Hilliker	Pure Chlor Roadway	6/11/2007	6/11/2007	7/5/2007	6/14/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76313, EC-79326	6.1	220	2	0	>50
07-034			Aaron Pack	Spill Clean-up Ammonia Recovery	6/13/2007	6/13/2007						No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-035			Alan Antrim	City Water Re-locate	6/19/2007	6/20/2007	7/5/2007	8/23/2007	10/11/2007		Ron Barker	No	No	PW-10A	DCE and fluoride not met.	None.	NO	No soil removed.	EC-76505	Not required.	Not required.	Not required.	Not required.	Not required.

ERN #	Plant Sector	Department	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	Onsite - Before or During Excavation Field Screening Results: pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
																		EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50
07-036			Wes Hilliker	Bldg #82 South Entrance	6/28/2007	6/28/2007	7/5/2007	8/17/2007	10/11/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76500, EC-76709	Not required.	Not required.	Not required.	Not required.	Not required.
07-037			Wes Hilliker	West side of Sponge Storage Sheds	6/28/2007	6/28/2007	7/5/2007	8/17/2007	Excavation Cancelled		Ron Barker	No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-038			Wes Hilliker	Entrance to Sponge Handling	6/28/2007	6/28/2007	7/5/2007	7/18/2007	7/26/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76389, EC-76391	Not required.	Not required.	Not required.	Not required.	Not required.
07-039			Wes Hilliker	Entrance to N. Sponge Handling	6/28/2007	6/28/2007	7/5/2007	7/18/2007	7/26/2007		Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76387, EC-76388	Not required.	Not required.	Not required.	Not required.	Not required.
07-040			Bob Henderson	Remove Acid Brick in SE Corner of Bldg #12	6/29/2007	7/2/2007	7/5/2007	NA	Excavation Cancelled		NA	No	NA	NA	NA	NA	NA	NA	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-041			Johm Elder	SiHi Pump Water Recovery System	7/3/2007	7/3/2007	7/5/2007	8/17/2007	1/14/2008	1/14/2008	Ron Barker	Yes	No	PW-27A	Manganese not met.	None.	YES	Area not previously investigated.	EC-76325, EC-76503, EC-76565, EC-76712	Not required.	Not required.	Not required.	Not required.	Not required.
07-042			Bill Moore	North Parking Lot Drainage	7/3/2007	7/3/2007	7/5/2007	7/5/2007	10/11/2007	1/4/2008	Ron Barker	Yes	Yes	PW-15AR	Yes	Low level PCBs.	NO - Post sample only.	Area previously investigated.	EC-76737	Not required.	Not required.	Not required.	Not required.	Not required.
07-043			Bill Moore	Farm Pond Sump Replacement	7/3/2007	7/3/2007	7/5/2007	7/5/2007	7/16/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76327	Not required.	Not required.	Not required.	Not required.	Not required.
07-044			Justin Wu	Boiler #3 Foundation Replacement	7/3/2007	7/3/2007	7/5/2007	7/5/2007	7/16/2007	1/4/2008	Ron Barker	No	No	PW-03A	Yes	None.	NO	No soil removed.	EC-76328	Not required.	Not required.	Not required.	Not required.	Not required.
07-045			John Elder	#7 Separations Column Foundation	7/13/2007	7/13/2007	7/17/2007	9/5/2007	10/11/2007	1/4/2008	Ron Barker	No	No	PW-23A	Flouride and manganese not met.	None.	NO	No soil removed.	EC-76562	Not required.	Not required.	Not required.	Not required.	Not required.
07-046			Dave Larson	Pipe Bridge Footings	7/13/2007	7/13/2007	7/17/2007	8/7/2007	10/11/2007	1/4/2008	Ron Barker	Yes	No	PW-23A	Flouride and manganese not met.	None.	YES	Area not previously investigated.	EC-76465, EC-76477	Not required.	Not required.	Not required.	Not required.	Not required.
07-047			Dave Larson	Hammermill Foundation	7/13/2007	7/13/2007	7/17/2007	11/5/2007	1/14/2008	1/14/2008	Ron Barker	Yes	No	PW-24A	Manganese not met.	None.	YES	Area not previously investigated.	EC-76684, EC-76719	Not required.	Not required.	Not required.	Not required.	Not required.
07-048			Dave Larson	#23 Sublimer Equipment Pad	7/13/2007	7/13/2007	7/17/2007	Concrete Removal Only		1/4/2008	Ron Barker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-049			John Elder	Waste Tank Pad	7/13/2007	7/13/2007	7/17/2007	Asphalt Removal Only		1/4/2008	Ron Barker	Yes	Yes	None	NA	Low level PCBs.	NO - Post sample only.	Area previously investigated.	EC-76390	Not required.	Not required.	Not required.	Not required.	Not required.
07-050			Don McCall	Jib Crane Footing - Bldg 87	7/17/2007	7/18/2007	7/19/2007	7/27/2007	1/14/2008	1/14/2008	Ron Barker	Yes	No	PW-77A	TCE and VC not met.	None.	YES	Area not previously investigated.	EC-76397	Not required.	Not required.	Not required.	Not required.	Not required.
07-051			Brianna Ward	Retort Roll Grinding Station	7/17/2007	7/18/2007	7/26/2007	7/26/2007	10/11/2007	1/4/2008	Ron Barker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76499, EC-76463, EC-76464	Not required.	Not required.	Not required.	Not required.	Not required.
07-052			Frank Davis	Power Pole Replacement	7/27/2007	7/27/2007	8/20/2007					Yes	No	PW-27A	Manganese not met.	None.	YES	Area not previously investigated.	EC-76504	Not required.	Not required.	Not required.	Not required.	Not required.
07-053			Dave Post	Power Pole Installation	7/30/2007	7/31/2007	8/20/2007	NA	Excavation Cancelled		NA	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-054			Alan Antrim	Pot Hole Cooling Tower Line	8/1/2007	8/2/2007	8/17/2007	8/17/2007	10/11/2007	1/4/2008	Ron Barker	Yes	Yes	PW-78A	DCE not met.	Low level PCBs.	NO - Post sample only.	Area previously investigated.	EC-76564, EC-76707	Not required.	Not required.	Not required.	Not required.	Not required.
07-055			Bill Moore	Plant Water Leak - Maint Stk Rm	8/3/2007	8/8/2007	8/20/2007	9/11/2007	10/11/2007	1/4/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76566	Not required.	Not required.	Not required.	Not required.	Not required.
07-056			Bill Moore	Directional Bore	8/8/2007	8/9/2007	8/21/2007	10/25/2007	11/17/2007	1/4/2008	Ron Barker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.

ERN #	Plant Sector	Department	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	Onsite - Before or During Excavation Field Screening Results: pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
																		EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50
07-057			Bill Moore	East Bore Pit	8/8/2007	8/9/2007	8/21/2007	10/25/2007	1/14/2008	1/14/2008	Ron Barker	No	No	NA	NA	None.	NO	Area not under CERCLA. No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-058			Bill Moore	West Bore Pit	8/8/2007	8/8/2007	8/21/2007	10/25/2007	1/14/2008	1/14/2008	Ron Barker	Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76679	Not required.	Not required.	Not required.	Not required.	Not required.
07-059			Bill Moore	Replace Roadway Section at Sand	8/10/2007	8/10/2007	8/21/2007	10/25/2007	1/14/2008	1/15/2008	Ron Barker	Yes	No	PW-24A	Manganese not met.	None.	YES	Area not previously investigated.	EC-76704, EC-76720	Not required.	Not required.	Not required.	Not required.	Not required.
07-060			Bill Moore	Repair Asphalt at Caustic Berm	8/10/2007	8/10/2007	8/21/2007	Asphalt Removal Only		1/4/2008	Ron Barker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-061			Wes Hilliker	Zr. Service Center Floor	8/17/2007	8/17/2007	8/22/2007	8/23/2007	10/11/2007	1/4/2008	Ron Baker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76398, EC-76711	Not required.	Not required.	Not required.	Not required.	Not required.
07-062			Wes Hilliker	Peeling Room Floor	8/17/2007	8/17/2007	8/21/2007	8/27/2007	10/11/2007	1/4/2008	Ron Baker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76502, EC-76715	Not required.	Not required.	Not required.	Not required.	Not required.
07-063			Wes Hilliker	Pure Ball Mill Floor	8/17/2007	8/17/2007	8/21/2007	8/27/2007	1/14/2008	1/14/2008	Ron Baker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-064			John Elder	Mag Recovery Furnace Containment	8/17/2007	8/20/2007	8/29/2007	8/29/2007	10/11/2007	1/4/2008	Ron Baker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-065			Noel Mak	Crucible Cleaning Area at Melting	8/21/2007	8/21/2007						Yes	No	PW-69A	TCA, PCE, and DCE not met.	High VOCs.	NO	Area being investigated under EPA workplan. Results presented in investigation report.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-066			Noel Mak	Acid Courtyard Extraction Well	8/21/2007	8/21/2007						Yes	No	PW-11A	PCE, TCE, DCE, and nitrate not met.	High VOCs.	NO	Area being investigated under DEQ workplan. Results presented in investigation reports.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-067			Bryan Murray	CA Line Drain	8/29/2007	8/30/2007	9/4/2007	9/4/2007	10/11/2007	1/4/2008	Ron Baker	No	No	PW-76A	Yes	None.	YES	Area not previously investigated.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-068			Alan Antrim	Small Tube Cell Building Foundation	8/30/2007	8/30/2007	9/4/2007	10/11/2007	1/14/2008	1/14/2008	Ron Baker	Yes	No	PW-79A	DCE and fluoride not met.	None.	YES	Area not previously investigated.	EC-76618, EC-76599, EC-76625, EC-76626, EC-76627, EC-76628, EC-76680, EC-76681, EC-76701, EC-		Not required.	Not required.	Not required.	Not required.	Not required.
07-069			Jessie Hong	Drain Line Trench	9/6/2007	9/6/2007	9/6/2007	9/6/2007	10/11/2007	1/4/2008	Ron Baker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-070			Bill Moore	Replace IW-26 Vault	9/10/2007	9/10/2007	9/18/2007	9/18/2007	10/11/2007	1/4/2008	Ken Arni	Yes	No	PW-27A	Manganese not met.	None.	YES	Area not previously investigated.	EC-76563	Not required.	Not required.	Not required.	Not required.	Not required.
07-071			Brianna Ward	Excavation for concrete slab - Bldg. #54	9/12/2007	9/13/2007	9/18/2007	9/18/2007	10/11/2007	1/4/2008	Ken Arni	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76600, EC-76714	Not required.	Not required.	Not required.	Not required.	Not required.
07-072			Bill Moore	Ammonia Recover Drain Rehab	9/18/2007	9/19/2007						Yes	No	PW-03A	Yes	None.	YES	Area not previously investigated.	EC-76567, EC-76713	Not required.	Not required.	Not required.	Not required.	Not required.
07-073			Bill Moore	Expose City Water Leak	10/1/2007	10/1/2007		Emergency Excavation		1/4/2008	Ron Barker	Yes	No	PW-03A	Yes	None.	NO - Post sample only.	Emergency excavation.	EC-76710	Not required.	Not required.	Not required.	Not required.	Not required.
07-074			Bill Moore	Scrubber Stack Tie-Down	10/2/2007	10/3/2007	10/4/2007	11/19/2007	1/14/2008	1/15/2008	Ron Baker	Yes	No	PW-24A	Manganese not met.	None.	YES	Area not previously investigated.	EC-76706	Not required.	Not required.	Not required.	Not required.	Not required.

ERN #	Plant Sector	Department	Proj Mngr	Description	Date Issued	Date to NPL	From NPL	Date Out	Date In	To Plot	Proj Contractor	Soil Removed?	Previously Investigated Area?	Downgradient Wells	RAOs met at downgradient wells?	Soil and Groundwater Characterization Data from Previous Investigations	Env. Eval. Required?	Why Environmental Evaluation Required or Not Required	EC Sample Numbers	Onsite - Before or During Excavation Field Screening Results: pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)
																		EEP Screening Level		5 to 9	< 1000	< 30.5	< 3	< 50
07-075			Bill Moore	Excavate for 6" Air Line	10/3/2007	10/4/2007	10/4/2007	10/25/2007	1/14/2008	1/14/2008	Ron Baker	Yes	No	PW-87A	Yes	None.	YES	Area not previously investigated.	EC-76721	Not required.	Not required.	Not required.	Not required.	Not required.
07-076			Bill Moore	Set New Light Pole	10/3/2007	10/3/2007	10/4/2007	10/29/2007	11/15/2007	1/4/2008		Yes	No	PW-26A	Yes	None.	YES	Area not previously investigated.	EC-76682	Not required.	Not required.	Not required.	Not required.	Not required.
07-077			Justin Wu	Foundation Core Sample	10/2/2007	10/2/2007			Excavation Cancelled			No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-078			Bob Schmidt	East Truax Creek Foot Bridge	10/5/2007	10/5/2007			Excavation Cancelled			No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-079			Wil Latimer	Bldg #1 Transformer Pad	10/8/2007	10/8/2007	10/9/2007	10/10/2007	1/14/2008	1/14/2008	Ron Baker	No	No	PW-57A	TCE not met.	None.	NO	No soil removed.	EC-76656	Not required.	Not required.	Not required.	Not required.	Not required.
07-080			Walt Bush	Gas Line Replacement	10/9/2007	10/9/2007	10/22/2007	10/22/2007	1/14/2008	1/15/2008	Ron Baker	Yes	No	PW-88A	Yes	None.	YES	Area not previously investigated.	EC-76657, EC-76658, EC-76659, EC-76683, EC-76722, EC-76739	5.5	1100	3	0	>50
07-081			Wil Latimer	New Power Pole Zr Reduction	10/9/2007	10/9/2007						Yes	No	PW-57A	TCE not met.	None.	YES	Area not previously investigated.	EC-76779, EC-76782	Not required.	Not required.	Not required.	Not required.	Not required.
07-082			John Elder	Pump Pad Excavation	10/18/2007	10/19/2007			Excavation Cancelled			No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-083			Bob Schmidt	Separations Borings	11/5/2007	11/6/2007						Yes	No	EW-2	Cadmium, fluoride, manganese, and radium not met.	None.	YES	Area not previously investigated.	EC-76780	Not required.	Not required.	Not required.	Not required.	Not required.
07-084			Walt Bush	Bag House Concrete Pad	11/7/2007	11/8/2007		Excavation Cancelled		1/4/2008		No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-085			Clark Hayes	Repair Road Area - S End Bldg #88	11/12/2007	11/12/2007	11/12/2007	11/14/2007	1/14/2008	1/15/2008	Ron Baker	Yes	No	PW-25A	Yes	None.	YES	Area not previously investigated.	EC-76705, EC-76723	Not required.	Not required.	Not required.	Not required.	Not required.
07-086			Bill Moore	Replace Catch Basin CB-052	11/14/2007	11/14/2007		Excavation Cancelled				No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-087			Bill Frey	Trench for Conduit Run to Bldg #17	11/16/2007	11/16/2007	11/10/2007	11/28/2007	1/14/2008	1/15/2008	Ron Baker	Yes	No	PW-46A	Yes	None.	YES	Area not previously investigated.	EC-76718	Not required.	Not required.	Not required.	Not required.	Not required.
07-088			Dave Larson	Air Receiver Foundation	11/16/2007	11/19/2007	11/18/2007	11/21/2007	1/14/2008	1/15/2008	Ron Baker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-089			Rick Baker	SLEP Pad Sump	11/30/2007	11/30/2007						Yes	No	None	NA	None.	YES	Area not previously investigated.	EC-76738, EC-76781	Not required.	Not required.	Not required.	Not required.	Not required.
07-090			Bill Moore	Wall Footings & Bollards-Bldg #54	12/4/2007	12/4/2007	12/5/2007	12/5/2007	1/14/2008	1/15/2008	Ron Baker	No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-091			Bill Frey	Trench for Conduit Run at Bldg #122	12/5/2007	12/5/2007			Excavation Cancelled			No	NA	NA	NA	NA	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.
07-092			Bill Moore	Strip Pickler Sump	12/12/2007	12/12/2007	12/12/2007	12/13/2007	1/14/2008	1/15/2008	Ron Baker	No	No	PW-12A	DCE, VC, TCA, TCE, and PCE not met.	None.	NO	No soil removed.	NA	Not required.	Not required.	Not required.	Not required.	Not required.

na = Not applicable

Notes: One sample per 20 cy excavated soil is collected at the SLEP. Soil is screened for field parameters and analyzed for PCBs.
Additional laboratory samples are analyzed if EEP field screening levels are exceeded as follows:
--TCLP metals are analyzed if pH or conductivity measurements exceed screening levels
--Uranium, radium, and thorium are analyzed if gamma readings exceed the screening level
--SVOCs and VOCs are analyzed if organic vapor readings exceed the screening level

Bold = Exceeds screening level
Blue = Laboratory analysis completed

	Onsite - Before or During Excavation Laboratory Results				Onsite - Post-Excavation (Base Sample) Field Screening Results					Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results									
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place
					5 to 9	< 1000	< 30.5	< 3	< 50					5 to 9	< 1000	< 30.5	< 3	< 50										
07-001	Not required.	Not required.	Not required.	Not required.	7.13	398	0	0	<50	Not required.	Not required.	Not required.	ND	7.13	398	0	0	<50	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-002	Not required.	Not required.	Not required.	Not required.	7.9	395	0	0	<50	Not required.	Not required.	Not required.	ND	8.77	100	0	0	<50	Not required.	Not required.	Not required.	0.795	1	cy	Riverbend Landfill McMinnville, OR	0.795 ppm PCBs.	None	No visible contamination
07-003	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	8.5	1150	0	0	Not required.	Arsenic = 2.7, Barium = 95.4, Cadmium = ND, Chromium = 24.9, Lead = 9.72, Selenium = ND, Silver = 0.3215, Mercury = 0.772	Not required.	Not required.	0.508	1	cy	Riverbend Landfill McMinnville, OR	0.508 ppm PCBs.	None	No visible contamination
07-004	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-005	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.3	44.4	0	0	Not required.	Not required.	Not required.	Not required.	ND	2	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-006	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-007	Not required.	Not required.	Not required.	Not required.	6.31	40.2	0	0	<50	Not required.	Not required.	Not required.	ND, ND	7.05, 6.5	963, 128	0, 0	0, 0	Not required.	Not required.	Not required.	Not required.	ND, 0.116	15	cy	Riverbend Landfill McMinnville, OR	0.116 ppm PCBs.	None	No visible contamination
07-008	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	8.51	70.8	2	0	Not required.	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-009	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-010	Not required.	Not required.	Not required.	Not required.	6.98	97.4	0	0	<50	Not required.	Not required.	Not required.	1.67	6.98	97.4	0	0	<50	Not required.	Not required.	Not required.	1.67	1	cy	OWS Columbia Ridge Arlington,OR	1.67 ppm PCBs.	None	No visible contamination
07-011	Not required.	Not required.	Not required.	Not required.	9.34	684	0	0	<50	Arsenic = ND, Barium = 0.720, Cadmium = ND, Chromium = ND, Lead = ND, Selenium = ND, Silver = ND, Mercury = ND	Not required.	Not required.	0.0845	7.3	84.6	8	NS	Not required.	Not required.	Not required.	ND	0.393	3	cy	OWS Columbia Ridge Arlington,OR	0.393 ppm PCBs.	None	No visible contamination
07-012	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.43	125.7	0	0	Not required.	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-013	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	8.16, 7	1052, 115.5	0, 0	0, 0	Not required.	Not required.	Not required.	Not required.	0.0396, 0.618	4	cy	Riverbend Landfill McMinnville, OR	0.618 ppm PCBs.	None	No visible contamination
07-014	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	6.93	219	5	0	Not required.	Arsenic = ND, Barium = 0.786, Cadmium = ND, Chromium = ND, Lead = ND, Selenium = ND, Silver = ND, Mercury = ND	Not required.	Not required.	ND	3	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-015	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-016	Not required.	Not required.	Not required.	Not required.	7.8	94.8	0	0.2	<50	Not required.	Not required.	Not required.	ND	8.15	95.7	0	0	Not required.	Not required.	Not required.	Not required.	ND	1	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination

	Onsite - Before or During Excavation Laboratory Results				Onsite - Post-Excavation (Base Sample) Field Screening Results					Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results									
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place
					5 to 9	< 1000	< 30.5	< 3	< 50					5 to 9	< 1000	< 30.5	< 3	< 50										
07-017	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.44	71.1	0	0	Not required.	Not required.	Not required.	Not required.	ND	10	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-018	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	6.13	132.6	0	0	Not required.	Not required.	Not required.	Not required.	0.958	6	cy	Riverbend Landfill McMinnville, OR	0.958 ppm PCBs.	None	No visible contamination
07-019	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.46	51.9	0	0	Not required.	Not required.	Not required.	Not required.	0.247	6	cy	Riverbend Landfill McMinnville, OR	0.247 ppm PCBs.	None	No visible contamination
07-020	Not required.	Not required.	Not required.	Not required.	6.87	110.9	0	0	<50	Not required.	Not required.	Not required.	0.124	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	0.124	5	cy	Riverbend Landfill McMinnville, OR	0.124 ppm PCBs.	None	No visible contamination
07-021	Not required.	Not required.	Not required.	Not required.	6.25	153.4	2	0	<50	Not required.	Not required.	Not required.	ND	6.54	29.1	0	0	Not required.	Not required.	Not required.	Not required.	0.488	7	cy	Riverbend Landfill McMinnville, OR	0.488 ppm PCBs.	None	No visible contamination
07-022	Not required.	Not required.	Not required.	Not required.	8.59	77.3	0	0	<50	Not required.	Not required.	Not required.	2.036	7.81	38.2	0	0	Not required.	Not required.	Not required.	Not required.	1.24	10	cy	OWS Columbia Ridge Arlington,OR	1.24 ppm PCBs.	None	No visible contamination
07-023	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	6.1	61.4	0	0	Not required.	Not required.	Not required.	Not required.	0.102	15	cy	Riverbend Landfill McMinnville, OR	0.102 ppm PCBs.	None	No visible contamination
07-024	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.49	198.4	0	0	Not required.	Not required.	Not required.	Not required.	25.2	5	cy	OWS Columbia Ridge Arlington,OR	25.2 ppm PCBs.	None	No visible contamination
07-025	Not required.	Not required.	Not required.	Not required.	7.03	55.8	0	0	<50	Not required.	Not required.	Not required.	1.76	7.78	31.4	0	0	Not required.	Not required.	Not required.	Not required.	0.244	2	cy	Riverbend Landfill McMinnville, OR	0.244 ppm PCBs.	None	No visible contamination
07-026	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-027	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.18	37.6	0	0	Not required.	Not required.	Not required.	Not required.	0.0572	1	cy	Riverbend Landfill McMinnville, OR	0.0572 ppm PCBs.	None	No visible contamination
07-028	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-029	Not required.	Not required.	Not required.	Not required.	9.27, 7.28	820, 1756	3, 10	0, 0	<50, <50	Not required.	Not required.	Not required.	NS, 0.657	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-030	Not required.	Not required.	Not required.	Not required.	6.04	442	NS	0	<50	Not required.	Not required.	Not required.	0.279	7.24	46.8	0	0	Not required.	Not required.	Not required.	Not required.	0.517	2	cy	Riverbend Landfill McMinnville, OR	0.517 ppm PCBs.	None	No visible contamination
07-031	Not required.	Not required.	Not required.	Not required.	5.91	798	0	0	<50	Not required.	Not required.	Not required.	2.082	6.88	606	0	0	Not required.	Not required.	Not required.	Not required.	7.25	4	cy	OWS Columbia Ridge Arlington,OR	7.25 ppm PCBs.	None	No visible contamination
07-032	Not required.	Not required.	Not required.	Not required.	6.38	33.4	0	0	<50	Not required.	Not required.	Not required.	ND	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-033	Not required.	Not required.	Not required.	Not required.	5.2	546	2	0	Not required.	Not required.	Not required.	Not required.	50.1	3.84	1321	0	0	Not required.	Arsenic = ND, Barium = 0.57, Cadmium = ND, Chromium = ND, Lead = ND, Selenium = ND, Silver = ND, Mercury = ND	Not required.	Not required.	23.6	10	cy	OWS Columbia Ridge Arlington,OR	23.6 ppm PCBs.	None	No visible contamination
07-034	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-035	Not required.	Not required.	Not required.	Not required.	7.18	43.3	6	0	<50	Not required.	Not required.	Not required.	ND	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA

	Onsite - Before or During Excavation Laboratory Results				Onsite - Post-Excavation (Base Sample) Field Screening Results					Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results									
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place
					5 to 9	< 1000	< 30.5	< 3	< 50					5 to 9	< 1000	< 30.5	< 3	< 50									
07-036	Not required.	Not required.	Not required.	Not required.	5.36, 5.78	327, 318	0, 3	0, 0	<50, <50	Not required.	Not required.	Not required.	0.153	7.61	37.4	8	NS	Not required.	Not required.	Not required.	1,1,1-TCA = 0.135, All Others ND	0.247	5	cy	OWS Columbia Ridge Arlington,OR	0.247 ppm PCBs.	None	No visible contamination
07-037	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-038	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	ND	6.52	84.1	10	0	Not required.	Not required.	Not required.	Not required.	0.466	10	cy	Riverbend Landfill McMinnville, OR	0.466 ppm PCBs.	None	No visible contamination
07-039	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	0.84	6.5	103.2	4	0	Not required.	Not required.	Not required.	Not required.	0.167	5	cy	Riverbend Landfill McMinnville, OR	0.167 ppm PCBs.	None	No visible contamination
07-040	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-041	Not required.	Not required.	Not required.	Not required.	7.24	286	2	0	<5o	Not required.	Not required.	Not required.	0.0615	7.45, 7.42	49.9, 282	6, NS	NS, 0	Not required.	Not required.	Not required.	Not required.	0.16	10	cy	Riverbend Landfill McMinnville, OR	0.160 ppm PCBs.	None	No visible contamination
07-042	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	6.01	25	8	0	Not required.	Not required.	Not required.	Not required.	0.132	100	cy	OWS Columbia Ridge Arlington,OR	0.132 ppm PCBs.	None	No visible contamination
07-043	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	6.3	907	2.5	0	<50	Not required.	Not required.	Not required.	ND	5	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-044	Not required.	Not required.	Not required.	Not required.	7.32	128.5	0	0	<50	Not required.	Not required.	Not required.	0.0424	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-045	Not required.	Not required.	Not required.	Not required.	7.14	2.95	10	0	<50	Not required.	Not required.	Not required.	0.0925	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-046	Not required.	Not required.	Not required.	Not required.	6.09	80.1	2	0	<50	Not required.	Not required.	Not required.	ND	7.17	163.8	5	0	Not required.	Not required.	Not required.	Not required.	0.1152	3	cy	Riverbend Landfill McMinnville, OR	0.1152 ppm PCBs.	None	No visible contamination
07-047	Not required.	Not required.	Not required.	Not required.	7.51	24.1	0	NS	<50	Not required.	Not required.	Not required.	0.162	7.55	18.5	6	NS	Not required.	Not required.	Not required.	Not required.	0.0889	10	cy	OWS Columbia Ridge Arlington,OR	0.0889 ppm PCBs.	None	No visible contamination
07-048	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-049	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.02	684	2	0	Not required.	Not required.	Not required.	Not required.	0.161	3	cy	Riverbend Landfill McMinnville, OR	0.161 ppm PCBs.	None	No visible contamination
07-050	Not required.	Not required.	Not required.	Not required.	7.31	25.8	0	0	<50	Not required.	Not required.	Not required.	ND	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	ND	3	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-051	Not required.	Not required.	Not required.	Not required.	7.46	50.1	2	0	<50	Not required.	Not required.	Not required.	120	6.78, 7.20	365, 812	5, 2	0, 0	Not required, Not required.	Not required.	Not required.	Not required.	11.56, 137.1	5, 20	cy	OWS Columbia Ridge Arlington,OR; Chem Waste Management, Arlington, OR	11.56, 137.1	None	No visible contamination
07-052	Not required.	Not required.	Not required.	Not required.	6.28	99.2	0	0	<50	Not required.	Not required.	Not required.	ND	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	ND	ND	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-053	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-054	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.53, 7.85	24.2, 44.1	0, NS	NS, 0	Not required.	Not required.	Not required.	Not required.	ND, 0.0479	5	cy	Riverbend Landfill McMinnville, OR	0.0479 ppm PCBs.	None	No visible contamination
07-055	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.78	137.8	0	0	Not required.	Not required.	Not required.	Not required.	0.369	5	cy	Riverbend Landfill McMinnville, OR	0.0479 ppm PCBs.	None	No visible contamination
07-056	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA

	Onsite - Before or During Excavation Laboratory Results				Onsite - Post-Excavation (Base Sample) Field Screening Results					Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results									
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place
					5 to 9	< 1000	< 30.5	< 3	< 50					5 to 9	< 1000	< 30.5	< 3	< 50										
07-057	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-058	Not required.	Not required.	Not required.	Not required.	6.56	25.2	6	0	<50	Not required.	Not required.	Not required.	Not required.	6.69	99.8	0	0	Not required.	Not required.	Not required.	Not required.	ND	7	cy	Riverbend Landfill McMinnville, OR	None	None	No visible contamination
07-059	Not required.	Not required.	Not required.	Not required.	5.75	69	0	0	<50	Not required.	Not required.	Not required.	ND	7.23	23.7	3	NS	Not required.	Not required.	Not required.	VOCs = ND	ND	10	cy	OWS Columbia Ridge Arlington,OR	None	None	No visible contamination
07-060	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-061	Not required.	Not required.	Not required.	Not required.	6.81, 6.76, 6.36	143, 148, 148	0, 0, 0	0, 0, 0	<50, <50, <50	Not required.	Not required.	Not required.	0.18	7.79	22.2	8	NS	Not required.	Not required.	Not required.	VOCs = ND	0.0888	8	cy	OWS Columbia Ridge Arlington,OR	0.0888 ppm PCBs.	None	No visible contamination
07-062	Not required.	Not required.	Not required.	Not required.	8.56	5770	3	0	<50	Arsenic = ND, Barium = 0.670, Cadmium = ND, Chromium = ND, Lead = ND, Selenium = ND, Silver = ND, Mercury = ND	Not required.	Not required.	ND	7.72	22.1	6	NS	Not required.	Not required.	Not required.	VOCs = ND	33.8	15	cy	OWS Columbia Ridge Arlington,OR	33.8 ppm PCBs.	None	No visible contamination
07-063	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-064	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-065	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	6	cy	Veolia Environmental Services	High levels of VOCs.	To be determined.	NA
07-066	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	2	cy	Veolia Environmental Services	High levels of VOCs.	To be determined.	NA
07-067	Not required.	Not required.	Not required.	Not required.	8.14	187	0	0	<50	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-068	Not required.	Not required.	Not required.	Not required.	8.17, 8.25, 8.20	69.1, 110.5, 25.8	1, 4, 5	0, NS, 0	<50, <50, <50	Not required.	Not required.	Not required.	ND, ND, ND, 2.07	5.5, 5.5, 5.4, 5.5	102.7, 119.5, 92.9, 39.2	Not required.	Not required.	<50, <50, <50, <50	Not required.	Not required.	Not required.	0.0365, 0.556, 0.129, 0.0949, 0.115, 0.254	130	cy	OWS Columbia Ridge Arlington,OR	0.556 ppm PCBs.	None	No visible contamination
07-069	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-070	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	8.1	54.5	0	0	Not required.	Not required.	Not required.	Not required.	0.118	5	cy	Riverbend Landfill McMinnville, OR	0.118 ppm PCBs.	None	No visible contamination
07-071	Not required.	Not required.	Not required.	Not required.	>10	412	5	0	NS	Not required.	Not required.	Not required.	NS	7.65	331	3	NS	Not required.	Not required.	Not required.	VOCs = ND.	0.769	5	cy	OWS Columbia Ridge Arlington,OR	0.769 ppm PCBs.	None	No visible contamination
07-072	Not required.	Not required.	Not required.	Not required.	7.38	165.8	6	0	<50	Not required.	Not required.	Not required.	0.76	7.61	68.1	4	NS	Not required.	Not required.	Not required.	VOCs = ND.	1.47	2	cy	OWS Columbia Ridge Arlington,OR	1.47 ppm PCBs.	None	No visible contamination
07-073	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.24	326	4	NS	Not required.	Not required.	Not required.	VOCs = ND.	0.456	5	cy	OWS Columbia Ridge Arlington,OR	0.456 ppm PCBs.	None	No visible contamination
07-074	Not required.	Not required.	Not required.	Not required.	6.29	95	5	NS	<50	Not required.	Not required.	VOCs = ND.	1.13	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	1.13	10	cy	OWS Columbia Ridge Arlington,OR	1.13 ppm PCBs.	None	No visible contamination

	Onsite - Before or During Excavation Laboratory Results				Onsite - Post-Excavation (Base Sample) Field Screening Results					Onsite - Post-Excavation (Base Sample) Laboratory Results				Excavated Soil at SLEP or Rolloff Box Field Screening Results					Excavated Soil at SLEP or Rolloff Box Laboratory Results									
ERN #	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Kit (ppm)	TCLP RCRA Metals (mg/L)	Uranium, Radium, Thorium (pCi/g)	VOCs and SVOCs (mg/kg)	PCBs (ppm)	Volume Excavated	Units	Soil Management	Contamination Found	Cleanup Actions Performed	Description of any visible contamination left in place
					5 to 9	< 1000	< 30.5	< 3	< 50					5 to 9	< 1000	< 30.5	< 3	< 50										
07-075	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	7.83	57	12	NS	Not required.	Not required.	Not required.	VOCs = ND.	ND	50	cy	OWS Columbia Ridge Arlington,OR	None	None	No visible contamination
07-076	Not required.	Not required.	Not required.	Not required.	5.79	55.8	0	0	<50	Not required.	Not required.	Not required.	0.505	5.79	55.8	0	0	<50	Not required.	Not required.	Not required.	0.505	1	cy	OWS Columbia Ridge Arlington,OR	0.505 ppm PCBs.	None	No visible contamination
07-077	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-078	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-079	Not required.	Not required.	Not required.	Not required.	6.2	50.2	2	0	<50	Not required.	Not required.	Not required.	1.08	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-080	Not required.	Not required.	Not required.	NS	6.2, 6.0	135, 227	3,3	0,0	<50, NS	Not required.	Not required.	Not required.	NS, 0.494	7.38, 5.15	13.27, 15.32	5, 3	NS, 0	Not required, <50	Not required.	Not required.	VOCs = ND	ND, ND	50	cy	OWS Columbia Ridge Arlington,OR	None	None	No visible contamination
07-081	Not required.	Not required.	Not required.	Not required.	3.14	180.6	0	0	<50	Not required.	Not required.	Not required.	ND	3.77	15.91	2	0	<50	Not required.	Not required.	Not required.	ND	3	cy	OWS Columbia Ridge Arlington,OR	None	None	No visible contamination
07-082	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-083	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	6.9	487	0	0	Not required.	Arsenic = ND, Barium = ND, Cadmium = ND, Chromium = ND, Lead = ND, Selenium = ND, Silver = ND, Mercury = ND	Not required.	Not required.	ND	5	cy	OWS Columbia Ridge Arlington,OR	None	None	No visible contamination
07-084	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-085	Not required.	Not required.	Not required.	Not required.	6.74	35.3	1	0	<50	Not required.	Not required.	Not required.	0.616	7.23	35.3	1	NS	Not required.	Not required.	Not required.	Benzene = 0.00329, All other VOCs = ND.	0.538	10	cy	OWS Columbia Ridge Arlington,OR	0.538 ppm PCBs.	None	No visible contamination
07-086	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-087	Not required.	Not required.	Not required.	Not required.	6.06	25.4	4	0	<50	Not required.	Not required.	Not required.	1.16	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	1.16	20	cy	OWS Columbia Ridge Arlington,OR	1.16 ppm PCBs.	None	No visible contamination
07-088	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-089	Not required.	Not required.	Not required.	Not required.	5.4	132.9	0	0	<50	Not required.	Not required.	Not required.	ND	3.89	250	1	0.5	Not required.	Not required.	Not required.	Not required.	0.078	50	cy	OWS Columbia Ridge Arlington,OR	0.078 ppm PCBs.	None	No visible contamination
07-090	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-091	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
07-092	Not required.	Not required.	Not required.	Not required.	3.21	37.9	7	0	<50	Not required.	Not required.	Not required.	18.8	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	Not required.	NA	cy	NA	NA	NA	NA
																								cy				
																								cy				
																						TOTAL	675	cy				

na = No

Notes:

ERN #	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75
07-001	None. No contaminants of concern detected.	90.25	NA	NA
07-002	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-003	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	118.75
07-004	NA	NA	NA	NA
07-005	None. No contaminants of concern detected.	90.25	NA	NA
07-006	NA	NA	NA	NA
07-007	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	361	NA	NA
07-008	None. No contaminants of concern detected.	90.25	NA	NA
07-009	NA	NA	NA	NA
07-010	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
07-011	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-012	None. No contaminants of concern detected.	90.25	NA	NA
07-013	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-014	None. No contaminants of concern detected.	90.25	NA	NA
07-015	NA	NA	NA	NA
07-016	None. No contaminants of concern detected.	180.5	NA	NA

ERN #	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75
07-017	None. No contaminants of concern detected.	90.25	NA	NA
07-018	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
07-019	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
07-020	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
07-021	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-022	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-023	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
07-024	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
07-025	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-026	NA	NA	NA	NA
07-027	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA
07-028	NA	NA	NA	NA
07-029	NA	180.5	NA	NA
07-030	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-031	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-032	NA	90.25	NA	NA
07-033	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA
07-034	NA	NA	NA	NA
07-035	NA	90.25	NA	NA

ERN #	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75	
07-036	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-037	NA	NA	NA	NA	
07-038	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-039	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-040	NA	NA	NA	NA	
07-041	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	361	NA	NA	
07-042	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA	
07-043	None. No contaminants of concern detected.	90.25	NA	NA	Composite only taken due to nature of excavation.
07-044	NA	90.25	NA	NA	
07-045	NA	90.25	NA	NA	
07-046	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-047	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-048	NA	NA	NA	NA	
07-049	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA	
07-050	None. No contaminants of concern detected.	90.25	NA	NA	
07-051	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	270.75	NA	NA	
07-052	None. No contaminants of concern detected.	90.25	NA	NA	
07-053	NA	NA	NA	NA	
07-054	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-055	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA	
07-056	NA	NA	NA	NA	

ERN #	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75	
07-057	NA	NA	NA	NA	
07-058	None. No contaminants of concern detected.	90.25	NA	NA	
07-059	None. No contaminants of concern detected.	180.5	NA	NA	
07-060	NA	NA	NA	NA	
07-061	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-062	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-063	NA	NA	NA	NA	
07-064	NA	NA	NA	NA	
07-065	NA	NA	NA	NA	
07-066	NA	NA	NA	NA	
07-067	NA	NA	NA	NA	
07-068	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	902.5	NA	NA	
07-069	NA	NA	NA	NA	
07-070	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA	
07-071	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	190	NA	EC-76600 broken on way to lab.
07-072	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	190	NA	
07-073	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	190	NA	
07-074	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA	

ERN #	Potential Impacts to Groundwater Remedy	PCB Cost @ $90.25	VOC Cost @ $190	Metals Cost @ $118.75	
07-075	None. No contaminants of concern detected.	90.25	190	NA	
07-076	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA	
07-077	NA	NA	NA	NA	
07-078	NA	NA	NA	NA	
07-079	NA	NA	NA	NA	
07-080	None. No contaminants of concern detected.	541.5	NA	NA	Samples EC-76657, EC-76658, EC-76659, broken during shipping. Base of area with high PCBs resampled (EC-76683). Other area already filled in
07-081	None. No contaminants of concern detected.	180.5	NA	NA	
07-082	NA	NA	NA	NA	
07-083	None. No contaminants of concern detected.	90.25	NA	NA	
07-084	NA	NA	NA	NA	
07-085	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-086	NA	NA	NA	NA	
07-087	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	90.25	NA	NA	
07-088	NA	NA	NA	NA	
07-089	None. PCBs found only in shallow soil above water table. Leaching of PCBs unlikely based on their low solubility and strong affinity for adsorption to soil particles.	180.5	NA	NA	
07-090	NA	NA	NA	NA	
07-091	NA	NA	NA	NA	
07-092	NA	NA	NA	NA	
na = No		9837.25	760	118.75	

Notes:

Table 3-1

Excavations January 1, 2008 - December 31, 2009

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			Base of Excavation Laboratory Results			
ERN	Nearest Structure	Volume Excavated (cubic yards)	PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	Potential Impacts to Groundwater Remedy
E08-001	Building 53	60	1.02	--	--	None.[1]
E08-002	Building 22	10	0.102	--	--	None.[1]
E08-003	Building 1	1	1.02	--	Arsenic = 0.327	None.[1,2]
E08-004	Building 54	50	4.7	--	--	None.[1]
E08-005	S-57	25	0.169	--	--	None.[1]
E08-007	Building 58	1	ND	--	--	None.[1]
E08-008	Building 53	12	1.18	--	--	None.[1]
E08-010a	Building 85	1	0.148	--	ND	None.[1]
E08-010b	Building 85	1	0.154	--	--	None.[1]
E08-010c	Building 85	1	ND	--	--	None.[1]
E08-012	Building 12	2	3.11	--	--	None.[1]
E08-014	Building 91	1	ND	--	--	None.[1]
E08-015	Building 91	50	1.72	--	ND	None.[1]
E08-017	Building 88	15	0.162	--	--	None.[1]
E08-020	S-178	1	0.282	--	--	None.[1]
E08-022	Building 1	0.2	11.7	--	ND	None.[1]
E08-025	Building 51	1	0.284	--	--	None.[1]
E08-026	Building 104	1	ND	--	--	None.[1]
E08-027	Building 15	5	2.51	--	--	None.[1]
E08-028	Building 82	8	0.595	--	--	None.[1]
E08-029	Building 82	10	0.380	--	--	None.[1]
E08-030	Building 20	10	6.57	--	--	None.[1]
E08-031	Building 37	2	0.0723	--	--	None.[1]
E08-032	S-57	60	16.2	--	--	None.[1]
E08-033 N	Building 65	2	ND	--	--	None.[1]
E08-033 S	Building 65	2	0.0379	--	--	None.[1]
E08-034	Building 166	8	0.0543	--	--	None.[1]

Table 3-1

Excavations January 1, 2008 - December 31, 2009

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			Base of Excavation Laboratory Results			
ERN	Nearest Structure	Volume Excavated (cubic yards)	PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	Potential Impacts to Groundwater Remedy
E08-037	Building 43	6	ND	--	--	None.[1]
E08-038	S-57	3	0.209	--	--	None.[1]
E08-039a	Building 88	30	0.0837	--	--	None.[1]
E08-039b	Building 88	35	0.213	--	--	None.[1]
E08-039c	Building 88	30	0.0702	--	--	None.[1]
E08-040	Building 123	5	0.48	--	--	None.[1]
E08-041 N	Building 42	1	2.17	--	Barium = 0.942	None.[1,2]
E08-041 S	Building 42	1	2.46	--	--	None.[1]
E08-042	Building S-181	1	0.0644	--	--	None.[1]
E08-044	Building 154	1	0.124	--	--	None.[1]
E08-046	Building 91	5	0.35	--	--	None.[1]
E08-047 E	Building 104	1	0.0679	--	--	None.[1]
E08-047 W	Building 104	1	ND	--	--	None.[1]
E08-048	Building 104	1	ND	--	--	None.[1]
E08-049	Building 79	1	0.0484	--	Barium = 0.304	None.[1,2]
E08-051	Building 74	1	27.3	--	--	None.[1]
E08-052	Building 1	10	0.215	--	Barium = 0.404	None.[1,2]
E08-053	Building 12	40	1.62	--	Barium = 0.371	None.[1,2]
E08-054a	Building 15/91	2	0.690	--	--	None.[1]
E08-054b	Building 15/91	2	1.30	--	--	None.[1]
E08-054c	Building 15/91	2	0.504	--	--	None.[1]
E08-054d	Building 15/91	2	ND	--	--	None.[1]
E08-054e	Building 15/91	2	0.889	--	--	None.[1]
E08-056E	Building 38	20	**85.9**	--	--	See Section 3.1.4
E08-056W	Building 38	25	28.3	--	--	None.[1]
E08-057a	Building 161	2	2.57	--	--	None.[1]
E08-057b	Building 161	2	12.9	--	--	None.[1]

Table 3-1

Excavations January 1, 2008 - December 31, 2009

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			Base of Excavation Laboratory Results			
ERN	Nearest Structure	Volume Excavated (cubic yards)	PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	Potential Impacts to Groundwater Remedy
E08-057c	Building 161	2	9.81	--	--	None.[1]
E08-058E	Building 43	10	0.231	--	--	None.[1]
E08-058W	Building 43	10	1.25	--	--	None.[1]
E08-059	Building 128	10	1.47	--	--	None.[1]
E08-060	Building 93	5	ND	--	--	None.[1]
E08-062	Building 8	10	ND	--	--	None.[1]
E08-065 N	Building 1	15	0.739	ND	Barium = 0.672	None.[1,2]
E08-065 S	Building 1	15	1.43	ND	Barium = 0.666	None.[1,2]
E08-068	Building 116	5	ND	ND	--	None.[1]
E08-069	Building 44	5	0.0437	ND	--	None.[1]
E08-070NE	Building 7	20	12.7	ND	--	None.[1]
E08-070SE	Building 7	20	2.06	ND	--	None.[1]
E08-070SW	Building 7	10	1.39	ND	--	None.[1]
E08-072	Building 7	10	0.371	ND	--	None.[1]
E08-074	Building 73	5	ND	ND	--	None.[1]
E08-078	Building 11	5	0.0561	ND	--	None.[1]
E08-079	Building 123	10	24.1	ND	--	None.[1]
E08-080	Building 53	10	5.18	ND	--	None.[1]
E08-081	Building 79	10	2.42	ND	--	None.[1]
E08-082a	Building 53	10	19.4	ND	--	None.[1]
E08-082b	Building 53	1	**114**	1,1,1-Trichloroethane = 0.167	Barium = 0.548	See Section 3.1.4
E08-083	S-177	5	0.0824	ND	--	None.[1]
E08-084	Building 45	10	0.320	ND	--	None.[1]
E08-094	Building 1	10	0.274	ND	--	None.[1]
E08-095	Building 69	10	0.170	ND	--	None.[1]
E08-096	Building 182	10	1.31	ND	--	None.[1]
E08-097	S-147	5	0.176	ND	--	None.[1]

Table 3-1

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			Base of Excavation Laboratory Results			
ERN	Nearest Structure	Volume Excavated (cubic yards)	PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	Potential Impacts to Groundwater Remedy
E08-098	Building 131	10	0.593	ND	--	None.[1]
E08-099	Building 11	5	0.345	ND	Barium = 0.339	None.[1,2]
E08-101	Building 23	1	0.302	ND	--	None.[1]
E08-102	Pond 1-A	5	4.64	ND	Barium = 0.378, Chromium = 0.0122	None.[1,2]
E08-103	Building 43	5	0.161	ND	--	None.[1]
E09-002	Building 86	5	1.4	ND	--	None.[1]
E09-007	Building 87	5	0.099	ND	--	None.[1]
E09-010	Building 84	5	0.212	ND	--	None.[1]
E09-011	S-147	1	0.594	ND	--	None.[1]
E09-013	Building 99	1	0.04	ND	--	None.[1]
E09-014	Building 93	10	ND	ND	Barium = 0.399	None.[1,2]
E09-015	pg 76 grd 3	5	0.0482	ND	--	None.[1]
E09-016 E	Building 7	5	0.134	ND	--	None.[1]
E09-016 W	Building 7	5	ND	ND	--	None.[1]
E09-018	Building 161	0.5	0.274	ND	--	None.[1]
E09-019	Building 114	1	0.908	ND	--	None.[1]
E09-020N	Building 53	5	26.0	ND	Barium = 0.467	None.[1,2]
E09-020S	Building 53	5	7.12	ND	Barium = 0.460	None.[1,2]
E09-021	Building 53	60	35.7	ND	--	None.[1]
E09-024a	Building 98	1	0.139	ND	--	None.[1]
E09-024b	Building 98	1	0.142	ND	--	None.[1]
E09-024c	Building 98	1	ND	ND	--	None.[1]
E09-025	Building 11	1	ND	ND	--	None.[1]
E09-027a	Building 1	5	1.43	ND	--	None.[1]
E09-027b	Building 1	10	1.45	ND	--	None.[1]
E09-028a	Building 10	5	ND	ND	--	None.[1]
E09-028b	Building 10	5	0.0824	ND	--	None.[1]

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Biennial Report of Environmental Evaluations - 2008 and 2009

			Base of Excavation Laboratory Results			
ERN	Nearest Structure	Volume Excavated (cubic yards)	PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	Potential Impacts to Groundwater Remedy
E09-028c	Building 10	5	ND	ND	--	None.[1]
E09-028d	Building 10	5	ND	ND	--	None.[1]
E09-028e	Building 10	5	ND	ND	Barium = 0.132	None.[1,2]
E09-028f	Building 10	5	0.459	ND	Barium = 0.0780	None.[1,2]
E09-029	Building 91	5	1.84	ND	--	None.[1]
E09-032	Building 127	10	1.98	ND	Barium = 0.390	None.[1,2]
E09-033	Building 54	10	2.78	ND	Barium = 0.615, Lead = 0.0327	None.[1,2]
E09-034	Building 69	1	ND	ND	--	None.[1]
E09-035	Building 17	1	0.114	ND	--	None.[1]
E09-042	CT-3	5	ND	ND	--	None.[1]
E09-043	Building 69	1	0.0984	ND	--	None.[1]
E09-044	Building 91	10	0.729	ND	Barium = 0.323	None.[1,2]
E09-046	Building	1	ND	ND	--	None.[1]
E09-052	Building 25	1	0.0606	ND	--	None.[1]
E09-053	Building 10	1	0.0556	ND	--	None.[1]
E09-054	Building 7	2	0.0544	ND	--	None.[1]
E09-056	Building 12	1	0.600	ND	--	None.[1]
E09-058	Building 93	5	0.0679	ND	--	None.[1]

Notes:

ppm = parts per million

ppb = parts per billion

ND = not detected above laboratory limits

1 = PCBs found only in shallow soil above water table (not in contact with groundwater).

2 = TCLP metals not detected above established site background levels (Barium = 179, Arsenic = 49, Chromium = 36.5, and Lead = 21.4 ppm).

Table 3-4

Selected disposal characterization laboratory results

Biennial Report of Environmental Evaluations - 2008 and 2009

ERN	Nearest Structure	PCBs (ppm)
E08-056E	Bldg 38	108
E08-056W	Bldg 38	108
E08-074	Bldg 73	88.30
E08-082a	Bldg 53	815
E08-082b	Bldg 53	77.3
E09-021	Bldg 53	111
E09-033	Bldg 54	412

Notes:

ppm = parts per million

ppb = parts per billion

ND = not detected above laboratory limits

Table 3-4

Excavations January 1, 2010 - December 31, 2011

Biennial Report of Environmental Evaluations - 2010 and 2011

ERN	Nearest Structure	Volume Excavated (cubic yards)	Base of Excavation Laboratory Results			Potential Impacts to Groundwater Remedy
			PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	
E10-001	Building 158	16	0.607	NS	NS	None.[1]
E10-002	Building 82	20	212	ND	NS	None.[1]
E10-003	Building 11	8	0.0826	NS	NS	None.[1]
E10-004	Building 123	0.5	0.335	NS	NS	None.[1]
E10-005	Building 4	18	0.898	ND	NS	None.[1]
E10-006	S-170	4	ND	NS	NS	None.[1]
E10-007	Schmidt Lake	3	0.539	NS	NS	None.[1]
E10-010	Building 82	4	0.0530	ND	NS	None.[1]
E10-011	Building 30	8	0.0475	NS	NS	None.[1]
E10-012	Building 121	1	ND	ND	NS	None.[1]
E10-013	Building 68	20	ND	ND	Barium = 3.26	None.[1,2]
E10-014	Building 103	5	ND	ND	NS	None.[1]
E10-015	Building 222	16	0.0989	ND	Barium = 0.582	None.[1,2]
E10-018	Building 166	4	ND	ND	NS	None.[1]
E10-020	Schmidt Lake	80	ND-0.291	ND	NS	None.[1]
E10-026	Building 42A	3	ND	NS	Barium = 0.488	None.[1,2]
E10-028	Building 11	1	0.0678	NS	Barium = 0.393, Chromium = 0.0704, Lead = 0.0106	None.[1,2]
E10-029	Building 12	1	0.0993	NS	NS	None.[1]
E10-034	Building 23	20	ND	NS	NS	None.[1]
E10-040	Building 20	1	1.75	NS	NS	None.[1]
E10-042	Building 81	3	ND	NS	NS	None.[1]
E10-043	Schmidt Lake	10	1.11	NS	NS	None.[1]
E10-044	Pond 2	20	0.107	NS	NS	None.[1]
E10-049	S-177	19	ND	NS	NS	None.[1]
E10-050	S-148	1	0.302	NS	NS	None.[1]
E10-051	Building 10	3	ND	NS	NS	None.[1]

Table 3-4

Excavations January 1, 2010 - December 31, 2011

Biennial Report of Environmental Evaluations - 2010 and 2011

ERN	Nearest Structure	Volume Excavated (cubic yards)	Base of Excavation Laboratory Results			Potential Impacts to Groundwater Remedy
			PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	
E10-053	S-174	5	ND	NS	NS	None.[1]
E10-054	Building 7	12	9.83	NS	NS	None.[1]
E10-055	S-140	1	0.382	NS	NS	None.[1]
E11-003	Building 99	2	0.901	NS	NS	None.[1]
E11-007	Building 1	5	0.951	ND	NS	None.[1]
E11-012	Building 44	1	0.0504	NS	NS	None.[1]
E11-014	Building 8	1	ND	NS	Barium = 0.684	None.[1,2]
E11-019	Building 122	1	0.365	NS	NS	None.[1]
E11-020	Building 12	1	ND	NS	NS	None.[1]
E11-021	T-10	15	0.0445	NS	NS	None.[1]
E11-023	Building 73	1	ND	NS	NS	None.[1]
E11-024	Building 47	2	ND	NS	NS	None.[1]
E11-026	Building 103	2	0.0619	NS	NS	None.[1]
E11-027	Building 84	2	0.928	NS	NS	None.[1]
E11-028	S-170	8	0.116	NS	NS	None.[1]
E11-031	Building 98	1	ND	NS	NS	None.[1]
E11-032	Building 93	10	0.127	NS	NS	None.[1]
E11-037	S-56	2	10.6	NS	NS	None.[1]
E11-038	Building 116	5	ND	NS	NS	None.[1]
E11-046	Building 126	3	0.125	NS	NS	None.[1]
E11-050	Building 68	7	ND	NS	NS	None.[1]
E11-052	Building 1	4	9.02	NS	NS	None.[1]
E11-054	Building 84	4	0.2354	NS	NS	None.[1]
E11-058	Building 43	10	ND	NS	NS	None.[1]
E11-063	Building 30	4	0.0653	NS	NS	None.[1]
E11-066	Building126	1	ND	NS	NS	None.[1]
E11-067	Building 37	3	ND	NS	NS	None.[1]

Table 3-4

Excavations January 1, 2010 - December 31, 2011

Biennial Report of Environmental Evaluations - 2010 and 2011

ERN	Nearest Structure	Volume Excavated (cubic yards)	Base of Excavation Laboratory Results			Potential Impacts to Groundwater Remedy
			PCBs (ppm)	VOCs (ppb)	TCLP Metals (ppm)	
E11-068	Building 73A	4	0.0841	NS	NS	None.[1]
E11-069	S-56	1	0.181	NS	NS	None.[1]
E11-070	Building 73	2	0.0486	NS	NS	None.[1]
E11-077	Building 25	1	ND	NS	NS	None.[1]
E11-084	Building 15	1	ND	NS	NS	None.[1]
E11-085	Building 128	1.5	0.229	NS	NS	None.[1]
E11-088	Schmidt Lake	0.25	0.868	NS	NS	None.[1]
E11-090	Building 30	1.5	0.0536	NS	NS	None.[1]
E11-092	Building 22	10	1.92	NS	NS	None.[1]
E11-093	Building 110	2	0.619	NS	Barium = 0.57	None.[1,2]
E11-095	Building 25	5	ND	ND	Barium = 0.54	None.[1,2]
E11-099	Building 73	2.5	ND	NS	NS	None.[1]
E11-102	Building 87	1	ND	NS	NS	None.[1]
E11-103	Building 180	1	0.891	NS	NS	None.[1]
E11-104	Building 47	1	2.07	NS	NS	None.[1]

Notes:

ppm = parts per million

ppb = parts per billion

ND = not detected above laboratory limits

NS = not sampled - field measurements did not exceed screening criteria

1 = PCBs found only in shallow soil above water table (not in contact with groundwater).

2 = TCLP metals not detected above established site background levels (Barium = 179, Arsenic = 49, Chromium = 36.5, and Lead = 21.4 ppm).

Table 3-5

Disposal characterization laboratory results for excavations exceeding RCRA and/or TSCA limits

Biennial Report of Environmental Evaluations - 2010 and 2011

ERN	Nearest Structure	PCBs (ppm)	Radionuclides (pCi/g)
E10-002	Building 82	93.9	NS
E10-020	Schmidt Lake	0.201	Ra-226 : 6.25+/-0.84, Ra-228 : 18.9+/-2.4
E10-054	Building 7	9.83	Ra-226: 3.76 +/-0.50, Ra-228: 21.6 +/-3.1
E11-070	Building 73A	0.156	Ra-226: 21.0+/-2.8, Ra-228: 41.4+/-5.9
E11-088	Schmidt Lake	0.334	Ra-226: 26.2+/-3.4, Ra-228: 7.73+/-1.2

Notes:

ppm = parts per million

ppb = parts per billion

NS = not sampled

Table 3-1: Summary of Activity

Location																		
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E12-001	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-002	Fab	Emergency excavation - Repair City water line	01/13/12	01/13/12	Yes	Removal	Yes	<1	Excavator	2x2x1	Yes	No	PW-82A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E12-003	Fab	Soil samples for geotechnical evaluation	02/06/12	02/06/12	Yes	Removal	Yes	<1	Excavator	1x1x1	Yes	No	PW-88A, PW-89A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E12-004	Ext	Repair City water line	02/08/12	02/08/12	Yes	Removal	Yes	<1	Excavator	2x2x2	Yes	No	PW-96A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E12-005	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-006	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-007	Fab	Excavate fill to grade area	02/13/12	02/13/12	Yes	Removal	Yes	4	Excavator	5x10x2	Yes	No	PW-69A	No	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E12-008	Ext	Excavate to extend drain	02/15/12	02/15/12	No	--	Yes	<1	Excavator	1x10x1.5	Yes	No	PW-24A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E12-009	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-010	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-011	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-012	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-013	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-014	Ext	Excavate to install concrete pad	07/08/12	07/10/12	Yes	Removal	Yes	46	Excavator	24x26x2	Yes	No	PW-26A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E12-015	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-016	Solids	Excavate to relocate pond influent	06/25/12	06/25/12	No	--	Yes	28	Excavator	50x3x5	Yes	No	PWF-1	Yes	Yes	None	None	Soil removed. No contamination left in place.
E12-017	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-018	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-019	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-021	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-022	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-023	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-024	Fab	Excavate to install drain	05/14/12	05/21/12	Yes	Removal	Yes	<1	Excavator	4x2x2	Yes	No	PW-88A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E12-025	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-026	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-027	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-028	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-029	Ext	Excavate to install concrete pad	06/05/12	06/05/12	Yes	Removal	Yes	1.5	Excavator	10x4x1	Yes	No	PW-23A, PW-24A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E12-030	Ext	Excavate to install bollards	07/12/12	07/12/12	Yes	Removal	Yes	<1	Excavator	4x1x1	Yes	No	PW-24A, PW-25A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E12-031	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3-1: Summary of Activity

Location																		
ERN	Plant Sector	Work Activity Description	Start Date	End Date	Contamination Found?	Cleanup Actions Performed	Soil Removed?	Volume (yd^3)	Removal Method	Dimensions (ft)	Area Previously Investigated?	Groundwater Encountered?	Downgradient Wells?	RAOs met at Downgradient Wells?	Evaluation Required?	Description of any visible contamination	Potential impact to groundwater remedy	Summary of Remedial Action
E12-032	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-033	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-034	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-035	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-036	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-037	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-038	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-039	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-040	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-041	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-042	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-043	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-044	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-045	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-046	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-047	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-048	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-049	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-050	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-051	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-052	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-053	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-054	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-055	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-056	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-057	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-058	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-059	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-060	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-061	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-062	Farm Ponds	Excavate to remove Well SS		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-063	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-064	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-065	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-066	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-067	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-068	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-069	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-070	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-071	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-072	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-073	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-074	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-075	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-076	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-077	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-078	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-079	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-080	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3-1: Summary of Activity

Location																		
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E12-081	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-082	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-083	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-084	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-085	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-086	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-087	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E12-088	Ext	Excavate to install concrete pad	12/03/12	12/03/12	Yes	Removal	Yes	4	Excavator	20x10x0.5	Yes	No	PW-22A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-001	Ext	Emergency excavation - Repair industrial water line	01/04/13	01/04/13	Yes	Removal	Yes	<1	Excavator	4x2x1	Yes	No	None	--	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E13-002	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-003	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-004	Fab	Excavate to repair stormwater catch basin	02/11/13	02/11/13	Yes	Removal	Yes	<1	Excavator	2x2x2	Yes	No	PW-34A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-005	Fab	Excavate to repair water line	02/08/13	02/08/13	No	--	Yes	<1	Excavator	2x2x1	Yes	No	PW-12	No	Yes	None	None	Soil removed. No contamination left in place.
E13-006	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-007	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-008	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-009	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-010	Ext	Excavate to repair water line	03/05/13	03/05/13	Yes	Removal	Yes	<1	Excavator	4x2x1	Yes	No	None	--	Yes	None	None	Soil removed. No contamination left in place.
E13-011	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-012	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-013	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-014	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-015	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-016	Ext	Excavate to level under trailer	03/25/13	03/25/13	Yes	Removal	Yes	<1	Excavator	20x10X0.5	Yes	No	PW-97A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E13-017	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-018	Fab	Excavate to repair concrete	03/21/13	03/21/13	Yes	Removal	Yes	3	Excavator	10x10x1	Yes	No	None	--	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E13-019	Fab	Excavate to regrade drainage	04/02/13	04/02/13	Yes	Removal	Yes	<1	Excavator	4x4x1	Yes	No	FW-5	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-020	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-021	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-022	Ext	Excavate to repair floor	04/29/13	05/05/13	Yes	Removal	Yes	30	Excavator	40x20x1	Yes	No	PW-24A, PW-25A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-023	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-024	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3-1: Summary of Activity

Location																		
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E13-025	Ext	Excavate to remove unused fire line	05/02/13	05/02/13	No	--	Yes	<1	Excavator	3x3x2	Yes	No	PW-24A, PW-25A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-026	Fab	Excavate to reroute stormwater line to CWTS	05/20/13	05/20/13	Yes	Removal	Yes	1.5	Excavator	10x2x2	Yes	No	PW-89A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-027	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-028	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-029	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-030	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-031	Ext	Feed Makeup Project	05/29/13	06/30/13	No	--	Yes	1	Excavator	--	Yes	No	PW-23A, PW-24A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E13-032	Fab	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-033	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-034	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-035	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-036	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-037	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-038	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-039	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-040	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-041	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-042	Ext	Excavate to examine footing	07/02/13	07/02/13	Yes	Removal	Yes	2	Excavator	4x4x4	Yes	No	PW-47A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-043	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-044	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-045	Ext	Excavate to repair floor	07/19/13	07/19/13	Yes	Removal	Yes	<1	Excavator	2x2x0.5	No	No	PW-96A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-046	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-047	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-048	Ext	Concrete removal only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-049	Ext	Excavate to prep for new slab	07/29/13	07/29/13	Yes	Removal	Yes	<1	Excavator	5x5x1	Yes	No	PW-47A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-050	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-051	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-052	Ext	Excavate to repair water line	07/29/13	07/29/13	Yes	Removal	Yes	<1	Excavator	2x2x2	Yes	No	PW-25A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-053	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-054	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-055	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-056	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-057	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3-1: Summary of Activity

Location																		
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E13-058	Ext	Excavate to repair footings and floor	08/21/13	09/22/13	Yes	Removal to 4'	Yes	300	Excavator	100x20x4	Yes	No	PW-47A, PW-96A	Yes	Yes	Discolored soil in top 12".	None	Soil removed. Remaining levels pose no unacceptable risk to human health (RI/FS).
E13-059	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-060	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-061	Fab	Excavate to install anchor	09/13/13	09/13/13	No	--	Yes	<1	Excavator	0.5x0.5x8	Yes	No	PW-15AR	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-062	Fab	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-063	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-064	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-065	Fab	Excavate to repair wall	09/16/13	09/16/13	Yes	Removal	Yes	<1	Excavator	1x0.5x0.5	Yes	No	PW-11, PW-13	No	Yes	None	None	Soil removed. No contamination left in place.
E13-066	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-067	Ext	Emergency Excavation - Repair Fire Line	10/07/13	10/07/13	Yes	Removal	Yes	<1	Excavator	2x2x2	Yes	No	PW-25A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E13-068	Ext	Emergency Excavation - Repair water line and sinkhole	10/07/13	10/07/13	Yes	Removal	Yes	6	Excavator	10x8x2	Yes	No	PW-49A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E13-069	Fab	Excavate to repair City water line	11/03/13	11/03/13	Yes	Removal to 4'	Yes	3	Excavator	10x2x4	Yes	No	PW-46A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E13-070	Fab	Excavate to repair floor	11/12/13	11/12/13	Yes	Removal	Yes	<1	Excavator	4x4x1	Yes	No	PW-71A	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-071	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-072	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-073	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-074	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-075	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-076	Ext	Asphalt Removal Only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-077	Fab	Excavate to replace concrete slab	12/09/13	12/12/13	Yes	Removal	Yes	<1	Excavator	10x10x0.5	Yes	No	PW-03	Yes	Yes	None	None	Soil removed. No contamination left in place.
E13-078	Fab	Excavate to repair floor	12/20/13	12/24/13	Yes	Removal	Yes	40	Excavator	20x60x1	Yes	No	PW-78A	No	Yes	None	None	Soil removed. Remaining levels pose no unacceptable risk to human health (RI/FS).
E13-079	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-080	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-081	--	Cancelled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-082	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E13-083	--	Other ATI Facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E12-001	N/A	Cancelled									
E12-002	Fab	Fill	NS - Emergency Excavation								
E12-003	Fab	Fill	7.23	33	0	0	<50	NS	NS	NS	0.134
E12-004	Ext	Fill	6.89	45	0	0	<50	Ba = 0.60, Cr = 0.0078	NS	NS	0.0813
E12-005	N/A	Cancelled									
E12-006	Fab	Asphalt Removal Only									
E12-007	Fab	Fill	8.22	43	0	0	<50	NS	NS	NS	0.552
E12-008	Ext	Fill	6.96	21	1	0	<50	NS	NS	NS	ND
E12-009	N/A	Other ATI Facility									
E12-010	N/A	Other ATI Facility									
E12-011	N/A	Other ATI Facility									
E12-012	N/A	Other ATI Facility									
E12-013	Fab	Asphalt Removal Only									
E12-014	Ext	Fill	5.17	35	10	0	<50	NS	NS	NS	0.67
E12-015	Ext	Concrete Removal Only									
E12-016	Solids	Clay	3.52	40	0	0	<50	NS	NS	NS	ND
E12-017	Fab	Concrete Removal Only									
E12-018	N/A	Other ATI Facility									
E12-019	N/A	Other ATI Facility									
E12-021	N/A	Other ATI Facility									
E12-022	Fab	Concrete Removal Only									
E12-023	Fab	Concrete Removal Only									
E12-024	Fab	Fill	2.6	1699	3	0	<50	NS	NS	NS	ND
E12-025	Ext	Asphalt Removal Only									
E12-026	N/A	Other ATI Facility									
E12-027	N/A	Other ATI Facility									

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E12-028	N/A	Other ATI Facility									
E12-029	Ext	Fill	8.69	210	0	0	<50	NS	NS	NS	0.15
E12-030	Ext	Fill	5.50	17	3	0	<50	NS	NS	NS	ND
E12-031	Ext	Concrete Removal Only									
E12-032	N/A	Other ATI Facility									
E12-033	N/A	Other ATI Facility									
E12-034	N/A	Other ATI Facility									
E12-035	Ext	Concrete Removal Only									
E12-036	Fab	Asphalt Removal Only									
E12-037	N/A	Other ATI Facility									
E12-038	N/A	Other ATI Facility									
E12-039	N/A	Other ATI Facility									
E12-040	Ext	Concrete Removal Only									
E12-041	N/A	Other ATI Facility									
E12-042	N/A	Other ATI Facility									
E12-043	N/A	Other ATI Facility									
E12-044	N/A	Cancelled									
E12-045	N/A	Cancelled									
E12-046	N/A	Cancelled									
E12-047	N/A	Cancelled									
E12-048	N/A	Cancelled									
E12-049	N/A	Cancelled									
E12-050	Ext	Asphalt Removal Only									
E12-051	Ext	Concrete Removal Only									
E12-052	Ext	Concrete Removal Only									
E12-053	Ext	Concrete Removal Only									
E12-054	Ext	Concrete Removal Only									

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E12-055	N/A	Cancelled									
E12-056	N/A	Cancelled									
E12-057	Ext	Concrete Removal Only									
E12-058	Fab	Concrete Removal Only									
E12-059	N/A	Other ATI Facility									
E12-060	Ext	Asphalt Removal Only									
E12-061	N/A	Other ATI Facility									
E12-062	Farm Ponds	See Farm Ponds Annual 2012									
E12-063	Fab	Concrete Removal Only									
E12-064	Fab	Concrete Removal Only									
E12-065	Fab	Concrete Removal Only									
E12-066	Ext	Asphalt Removal Only									
E12-067	N/A	Other ATI Facility									
E12-068	Fab	Asphalt Removal Only									
E12-069	Ext	Asphalt Removal Only									
E12-070	Fab	Concrete Removal Only									
E12-071	Ext	Asphalt Removal Only									
E12-072	Fab	Asphalt Removal Only									
E12-073	N/A	Other ATI Facility									
E12-074	Fab	Concrete Removal Only									
E12-075	Fab	Concrete Removal Only									
E12-076	Fab	Concrete Removal Only									
E12-077	Ext	Concrete Removal Only									
E12-078	Fab	Concrete Removal Only									
E12-079	Fab	Concrete Removal Only									
E12-080	Fab	Concrete Removal Only									

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E12-081	Fab	Concrete Removal Only									
E12-082	Fab	Concrete Removal Only									
E12-083	Ext	Asphalt Removal Only									
E12-084	Ext	Asphalt Removal Only									
E12-085	N/A	Other ATI Facility									
E12-086	N/A	Other ATI Facility									
E12-087	N/A	Other ATI Facility									
E12-088	Ext	Fill	7.22	63	0	0	<50	NS	NS	NS	ND
E13-001	Ext	Fill	NS - Emergency Excavation								
E13-002	Ext	Asphalt Removal Only									
E13-003	Ext	Asphalt Removal Only									
E13-004	Fab	Fill	6.84	108	0	0	<50	NS	NS	NS	ND
E13-005	Fab	Fill	7.51	55	0	0	<50	NS	NS	NS	ND
E13-006	N/A	Other ATI Facility									
E13-007	N/A	Other ATI Facility									
E13-008	N/A	Other ATI Facility									
E13-009	N/A	Other ATI Facility									
E13-010	Ext	Fill	7.62	88	0	0	<50	NS	NS	NS	ND
E13-011	Ext	Concrete Removal Only									
E13-012	Ext	Concrete Removal Only									
E13-013	Ext	Concrete Removal Only									
E13-014	Ext	Concrete Removal Only									
E13-015	Ext	Concrete Removal Only									
E13-016	Ext	Fill	8.64	30	1	0	<50	NS	NS	NS	0.866
E13-017	Ext	Concrete Removal Only									
E13-018	Fab	Fill	7.35	109	2	0	<50	NS	NS	NS	0.716
E13-019	Fab	Fill	6.55	112	0	0	<50	NS	NS	NS	ND

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E13-020	Fab	Concrete Removal Only									
E13-021	Fab	Concrete Removal Only									
E13-022	Ext	Fill	9.81	255	3	0	<50	ND	NS	NS	ND
E13-023	Ext	Concrete Removal Only									
E13-024	N/A	Other ATI Facility									
E13-025	Ext	Fill	5.30	50	1	0	<50	NS	NS	NS	ND
E13-026	Fab	Fill	7.13	23	0	0	<50	NS	NS	NS	ND
E13-027	N/A	Other ATI Facility									
E13-028	Fab	Asphalt Removal Only									
E13-029	Fab	Asphalt Removal Only									
E13-030	N/A	Other ATI Facility									
E13-031	Ext	See SLEP Results									
E13-032	Fab	Concrete Removal Only									
E13-033	N/A	Other ATI Facility									
E13-034	N/A	Other ATI Facility									
E13-035	N/A	Other ATI Facility									
E13-036	Ext	Concrete Removal Only									
E13-037	N/A	Other ATI Facility									
E13-038	N/A	Other ATI Facility									
E13-039	N/A	Other ATI Facility									
E13-040	N/A	Other ATI Facility									
E13-041	N/A	Other ATI Facility									
E13-042	Ext	Fill	7.11	116	0	0	<50	NS	NS	NS	ND
E13-043	Fab	Asphalt Removal Only									
E13-044	Ext	Asphalt Removal Only									
E13-045	Ext	Fill	6.54	258	0	0	<50	NS	NS	NS	ND
E13-046	Fab	Asphalt Removal Only									

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E13-047	Fab	Asphalt Removal Only									
E13-048	Ext	Concrete Removal Only									
E13-049	Ext	Fill	7.02	415	0	0	<50	NS	NS	NS	ND
E13-050	N/A	Other ATI Facility									
E13-051	N/A	Other ATI Facility									
E13-052	Ext	Fill	8.12	126	0	0	<50	ND	NS	NS	ND
E13-053	N/A	Other ATI Facility									
E13-054	N/A	Other ATI Facility									
E13-055	N/A	Other ATI Facility									
E13-056	N/A	Other ATI Facility									
E13-057	N/A	Other ATI Facility									
E13-058	Ext	Fill/Clay	7.35-8.63	83-625	0	0	<50	NS	NS	NS	ND - 11.2
E13-059	N/A	Other ATI Facility									
E13-060	N/A	Other ATI Facility									
E13-061	Fab	Fill/Clay	6.46	56	0	0	<50	NS	NS	NS	ND
E13-062	Fab	Asphalt Removal Only									
E13-063	N/A	Other ATI Facility									
E13-064	N/A	Other ATI Facility									
E13-065	Fab	Fill	7.33	105	0	0	<50	NS	NS	NS	ND
E13-066	N/A	Other ATI Facility									
E13-067	Ext	Fill	NS - Emergency Excavation								
E13-068	Ext	Fill	NS - Emergency Excavation								
E13-069	Fab	Fill	8.02	116	0	0	<50	NS	NS	NS	1.13
E13-070	Fab	Fill	6.33	301	0	0	<50	NS	NS	NS	ND
E13-071	N/A	Other ATI Facility									
E13-072	N/A	Other ATI Facility									
E13-073	Ext	Asphalt Removal Only									

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E13-074	Ext	Asphalt Removal Only									
E13-075	Ext	Asphalt Removal Only									
E13-076	Ext	Asphalt Removal Only									
E13-077	Fab	Fill	8.14	629	0	0	<50	NS	NS	NS	ND
E13-078	Fab	Fill	8.14-8.56	115-307	0	0	<50	NS	NS	NS	ND-2.15
E13-079	N/A	Cancelled									
E13-080	N/A	Cancelled									
E13-081	N/A	Cancelled									
E13-082	N/A	Other ATI Facility									
E13-083	N/A	Other ATI Facility									

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E12-001	N/A	Cancelled													
E12-002	Fab	<1	No	03/15/12	Barker Trucking	Columbia Ridge	Fill	8.41	60	2	0	NS	NS	NS	0.101
E12-003	Fab	<1	No	02/24/12	Barker Trucking	Columbia Ridge	Fill	7.86	234	0	0	NS	NS	NS	0.226
E12-004	Ext	<1	No	02/24/12	Barker Trucking	Columbia Ridge	Fill	11.43	286	0	0	Ba = 0.36, Cd = 0.0086, Cr = 0.011, Pd = 0.0041	NS	NS	ND
E12-005	N/A	Cancelled													
E12-006	Fab	Asphalt Removal Only													
E12-007	Fab	4	No	02/24/12	Barker Trucking	Columbia Ridge	Fill	8.70	31	0	0	NS	NS	NS	0.527
E12-008	Ext	<1	No	02/24/12	Barker Trucking	Columbia Ridge	Fill	10.10	352	0	0	NS	NS	NS	ND
E12-009	N/A	Other ATI Facility													
E12-010	N/A	Other ATI Facility													
E12-011	N/A	Other ATI Facility													
E12-012	N/A	Other ATI Facility													
E12-013	Fab	Asphalt Removal Only													
E12-014	Ext	46	No	10/09/12	Barker Trucking	Columbia Ridge	Fill	9.17	53	15	0	NS	NS	NS	ND
E12-015	Ext	Concrete Removal Only													
E12-016	Solids	28	No	10/09/12	Barker Trucking	Columbia Ridge	Clay	6.05	48	0	0	NS	NS	NS	ND
E12-017	Fab	Concrete Removal Only													
E12-018	N/A	Other ATI Facility													
E12-019	N/A	Other ATI Facility													
E12-021	N/A	Other ATI Facility													
E12-022	Fab	Concrete Removal Only													
E12-023	Fab	Concrete Removal Only													
E12-024	Fab	<1	No	10/09/12	Barker Trucking	Columbia Ridge	Fill	2.54	1880	2	0	Ba = 0.18	NS	NS	0.18
E12-025	Ext	Asphalt Removal Only													
E12-026	N/A	Other ATI Facility													
E12-027	N/A	Other ATI Facility													
E12-028	N/A	Other ATI Facility													
E12-029	Ext	1.5	No	10/09/12	Barker Trucking	Columbia Ridge	Fill	7.79	171	0	0	NS	NS	NS	0.079
E12-030		<1	No	10/09/12	Barker Trucking	Columbia Ridge	Fill	6.70	32	0	0	NS	NS	NS	0.26
E12-031	Ext	Concrete Removal Only													
E12-032	N/A	Other ATI Facility													
E12-033	N/A	Other ATI Facility													
E12-034	N/A	Other ATI Facility													
E12-035	Ext	Concrete Removal Only													
E12-036	Fab	Asphalt Removal Only													
E12-037	N/A	Other ATI Facility													
E12-038	N/A	Other ATI Facility													
E12-039	N/A	Other ATI Facility													
E12-040	Ext	Concrete Removal Only													
E12-041	N/A	Other ATI Facility													
E12-042	N/A	Other ATI Facility													
E12-043	N/A	Other ATI Facility													
E12-044	N/A	Cancelled													
E12-045	N/A	Cancelled													
E12-046	N/A	Cancelled													

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E12-047	N/A	Cancelled													
E12-048	N/A	Cancelled													
E12-049	N/A	Cancelled													
E12-050	Ext	Asphalt Removal Only													
E12-051	Ext	Concrete Removal Only													
E12-052	Ext	Concrete Removal Only													
E12-053	Ext	Concrete Removal Only													
E12-054	Ext	Concrete Removal Only													
E12-055	N/A	Cancelled													
E12-056	N/A	Cancelled													
E12-057	Ext	Concrete Removal Only													
E12-058	Fab	Concrete Removal Only													
E12-059	N/A	Other ATI Facility													
E12-060	Ext	Asphalt Removal Only													
E12-061	N/A	Other ATI Facility													
E12-062	Farm Ponds	See Farm Ponds Annual 2012													
E12-063	Fab	Concrete Removal Only													
E12-064	Fab	Concrete Removal Only													
E12-065	Fab	Concrete Removal Only													
E12-066	Ext	Asphalt Removal Only													
E12-067	N/A	Other ATI Facility													
E12-068	Fab	Asphalt Removal Only													
E12-069	Ext	Asphalt Removal Only													
E12-070	Fab	Concrete Removal Only													
E12-071	Ext	Asphalt Removal Only													
E12-072	Fab	Asphalt Removal Only													
E12-073	N/A	Other ATI Facility													
E12-074	Fab	Concrete Removal Only													
E12-075	Fab	Concrete Removal Only													
E12-076	Fab	Concrete Removal Only													
E12-077	Ext	Concrete Removal Only													
E12-078	Fab	Concrete Removal Only													
E12-079	Fab	Concrete Removal Only													
E12-080	Fab	Concrete Removal Only													
E12-081	Fab	Concrete Removal Only													
E12-082	Fab	Concrete Removal Only													
E12-083	Ext	Asphalt Removal Only													
E12-084	Ext	Asphalt Removal Only													
E12-085	N/A	Other ATI Facility													
E12-086	N/A	Other ATI Facility													
E12-087	N/A	Other ATI Facility													
E12-088	Ext	4	No	10/09/12	Barker Trucking	Columbia Ridge	Fill	8.53	38	0	0	NS	NS	NS	0.0588
E13-001	Ext	<1	No	03/27/14	Barker Trucking	Columbia Ridge	Fill	6.78	130	0	0	ND	NS	NS	0.549
E13-002	Ext	Asphalt Removal Only													
E13-003	Ext	Asphalt Removal Only													
E13-004	Fab	<1	No	03/27/14	Barker Trucking	Columbia Ridge	Fill	6.97	122	0	0	ND	NS	NS	2.97
E13-005	Fab	<1	No	03/27/14	Barker Trucking	Columbia Ridge	Fill	7.83	86	0	0	ND	NS	NS	ND
E13-006	N/A	Other ATI Facility													

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E13-007	N/A	Other ATI Facility													
E13-008	N/A	Other ATI Facility													
E13-009	N/A	Other ATI Facility													
E13-010	Ext	<1	No	03/27/14	Barker Trucking	Columbia Ridge	Fill	8.31	125	0	0	ND	NS	NS	0.0432
E13-011	Ext	Concrete Removal Only													
E13-012	Ext	Concrete Removal Only													
E13-013	Ext	Concrete Removal Only													
E13-014	Ext	Concrete Removal Only													
E13-015	Ext	Concrete Removal Only													
E13-016	Ext	<1	No	03/27/14	Barker Trucking	Columbia Ridge	Fill	8.65	73	3	0	NS	NS	NS	0.192
E13-017	Ext	Concrete Removal Only													
E13-018	Fab	3	No	03/27/14	Barker Trucking	Columbia Ridge	Fill	9.45(YSI needs cal. pH paper indicated 7-8)	92	3	0	NS	NS	NS	2.28
E13-019	Fab	<1	No	05/22/13	Barker Trucking	Columbia Ridge	Fill	8.69	29	2	0	NS	NS	NS	1.4
E13-020	Fab	Concrete Removal Only													
E13-021	Fab	Concrete Removal Only													
E13-022	Ext	30	No	05/22/13	Barker Trucking	Columbia Ridge	Fill	9.69	222	2	0	ND	NS	NS	0.458
E13-023	Ext	Concrete Removal Only													
E13-024	N/A	Other ATI Facility													
E13-025	Ext	<1	No	05/22/13	Barker Trucking	Columbia Ridge	Fill	5.75	60	0	0	NS	NS	NS	ND
E13-026	Fab	1.5	No	05/22/13	Barker Trucking	Columbia Ridge	Fill	7.24	124	0	0	NS	NS	NS	0.304
E13-027	N/A	Other ATI Facility													
E13-028	Fab	Asphalt Removal Only													
E13-029	Fab	Asphalt Removal Only													
E13-030	N/A	Other ATI Facility													
E13-031	Ext	1	No	12/10/13	Barker Trucking	Columbia Ridge	Soil	7.95	323	0	0	ND	NS	NS	ND
E13-032	Fab	Concrete Removal Only													
E13-033	N/A	Other ATI Facility													
E13-034	N/A	Other ATI Facility													
E13-035	N/A	Other ATI Facility													
E13-036	Ext	Concrete Removal Only													
E13-037	N/A	Other ATI Facility													
E13-038	N/A	Other ATI Facility													
E13-039	N/A	Other ATI Facility													
E13-040	N/A	Other ATI Facility													
E13-041	N/A	Other ATI Facility													
E13-042	Ext	2	No	08/27/13	Barker Trucking	Columbia Ridge	Fill	8.91	418	0	0	ND	NS	NS	1.02
E13-043	Fab	Asphalt Removal Only													
E13-044	Ext	Asphalt Removal Only													
E13-045	Ext	<1	No	08/27/13	Barker Trucking	Columbia Ridge	Fill	6.78	205	0	0	ND	NS	NS	0.0572
E13-046	Fab	Asphalt Removal Only													
E13-047	Fab	Asphalt Removal Only													
E13-048	Ext	Concrete Removal Only													
E13-049	Ext	<1	No	08/27/13	Barker Trucking	Columbia Ridge	Fill	7.13	1256	0	0	ND	NS	NS	4.79
E13-050	N/A	Other ATI Facility													
E13-051	N/A	Other ATI Facility													

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E13-052	Ext	<1	No	08/27/13	Barker Trucking	Columbia Ridge	Fill	9.44	140	0	0	ND	NS	NS	0.0848
E13-053	N/A	Other ATI Facility													
E13-054	N/A	Other ATI Facility													
E13-055	N/A	Other ATI Facility													
E13-056	N/A	Other ATI Facility													
E13-057	N/A	Other ATI Facility													
E13-058	Ext	180,120	No	1/4-26/14	Barker Trucking	Columbia Ridge, Chem Waste Management	Fill/Clay	7.23-11.67	1802-3405	0	0	ND	NS	NS	ND-65.4
E13-059	N/A	Other ATI Facility													
E13-060	N/A	Other ATI Facility													
E13-061	Fab	<1	No	12/10/13	Barker Trucking	Columbia Ridge	Fill/Clay	6.95	109	0	0	ND	NS	NS	ND
E13-062	Fab	Asphalt Removal Only													
E13-063	N/A	Other ATI Facility													
E13-064	N/A	Other ATI Facility													
E13-065	Fab	<1	No	12/10/13	Barker Trucking	Columbia Ridge	Fill	7.72	312	0	0	ND	NS	NS	0.1256
E13-066	N/A	Other ATI Facility													
E13-067	Ext	<1	No	12/10/13	Barker Trucking	Columbia Ridge	Fill	6.72	150	0	0	ND	NS	NS	1.41
E13-068	Ext	6	No	12/10/13	Barker Trucking	Columbia Ridge	Fill	6.58	316	0	0	ND	NS	NS	1.812
E13-069	Fab	3	No	01/04/14	Barker Trucking	Chem Waste Management	Fill	8.78	108	0	0	ND	NS	NS	227.2
E13-070	Fab	<1	No	12/10/13	Barker Trucking	Columbia Ridge	Fill	6.08	102	0	0	ND	NS	NS	0.471
E13-071	N/A	Other ATI Facility													
E13-072	N/A	Other ATI Facility													
E13-073	Ext	Asphalt Removal Only													
E13-074	Ext	Asphalt Removal Only													
E13-075	Ext	Asphalt Removal Only													
E13-076	Ext	Asphalt Removal Only													
E13-077	Fab	<1	No	01/31/14	Barker Trucking	Columbia Ridge	Fill	6.36	1701	1	0	ND	NS	NS	7.97
E13-078	Fab	40	No	3/27-31/14	Barker Trucking	Columbia Ridge	Fill	8.04-9.13	206-469	0	0	ND	NS	NS	ND-0.25
E13-079	N/A	Cancelled													
E13-080	N/A	Cancelled													
E13-081	N/A	Cancelled													
E13-082	N/A	Other ATI Facility													
E13-083	N/A	Other ATI Facility													

Table 3-1: Summary of Activity

Location																		
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E14-001	43	Repair water leak.	01/07/14	01/07/14	Yes	Removal	Yes	2	Excavator	6x5x2	Yes	No	PW-81A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-002	Canceled																	
E14-003	82	Replace foundation.	01/27/14	02/11/14	Yes	Removal	Yes	70	Excavator	20x30x4	Yes	No	PW-96A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-004	98	Install new equipment rail.	02/14/14	02/14/14	Yes	Removal	Yes	1	Excavator	3x3x2	Yes	No	PW-25A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-005	Canceled																	
E14-006	117	Replace concrete pad.	02/24/14	03/03/14	Yes	Removal	Yes	3	Excavator	10x5x4	Yes	No	PW-49A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-007	Canceled																	
E14-008	Concrete Removal Only																	
E14-009	Canceled																	
E14-010	Canceled																	
E14-011	Canceled																	
E14-012	S-144	Geotechnical evaluation for 400k tank replacement.	03/06/14	03/06/14	Yes	Removal	Yes	1	Excavator	2x2x1	Yes	No	PW-84A	No	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-013	Canceled																	
E14-014	Canceled																	
E14-015	91	Asphalt repair.	08/11/14	08/11/14	Yes	Removal	Yes	5	Excavator	8x15x1	Yes	No	PW-27A	No	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-016	Canceled																	
E14-017	122	Regrade around catch basin.	03/12/14	03/12/14	Yes	Removal	Yes	1	Excavator	3x3x3	Yes	No	PW-72A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-018	Canceled																	
E14-019	Canceled																	
E14-020	S-174	Remove old fire hydrant.	08/07/13	08/07/13	Yes	Removal	Yes	1	Excavator	2x2x1	Yes	No	PW-23A	Yes	No	None	None	Soil removed. Previously investigated area - ERN 07-083.
E14-021	S-125	Excavate surface gravel.	04/16/14	04/16/14	Yes	Removal	Yes	4	Excavator	10x15x0.5	Yes	No	PW-22A	No	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-022	Canceled																	

Table 3-1: Summary of Activity

Location																			
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E14-023	222	Emergency excavation - repair broken water line.	05/25/14	05/25/14	Yes	Removal	Yes	7	Excavator	8x16x2	Yes	No	PW-88A	Yes	No	None	None	Soil removed. Emergency excavation.
E14-024	Canceled																	
E14-025	Canceled																	
E14-026	Canceled																	
E14-027	Canceled																	
E14-028	Cell 3	Install new river water line.	06/12/14	06/12/14	Yes	Removal	Yes	2	Excavator	4x4x4	Yes	No	PW-07	Yes	No	None	None	Soil removed. Previously investigated area - RI/FS MRRP Sampling.
E14-029	Canceled																	
E14-030	Canceled																	
E14-031	Canceled																	
E14-032	Non-CERCLA Facility																	
E14-033	Canceled																	
E14-034	Canceled																	
E14-035	Canceled																	
E14-036	Canceled																	
E14-037	Non-CERCLA Facility																	
E14-038	Canceled																	
E14-039	Canceled																	
E14-040	Canceled																	
E14-041	Extraction area west road	Install new electrical service.	08/24/14	08/27/14	Yes	Removal	Yes	50	Excavator	400x2x2	No	No	PW-24A, PW-25A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-042	Canceled																	
E14-043	Non-CERCLA Facility																	
E14-044	151	Replace storm water line.	09/10/14	09/10/14	Yes	Removal	Yes	1	Excavator	4x2x4	Yes	No	None	N/A	No	None	None	Soil removed. Previously investigated area.
E14-045	44	Repair water leak.	09/24/14	09/25/14	Yes	Removal	Yes	5	Excavator	10x5x3	Yes	No	PW-92A	Yes	No	None	None	Soil removed. Emergency excavation.
E14-046	Non-CERCLA Facility																	
E14-047	Canceled																	
E14-048	Canceled																	
E14-049	Non-CERCLA Facility																	
E14-050	82	Repair sewer line.	11/03/14	11/03/14	Yes	Removal	Yes	3	Excavator	5x5x3	Yes	No	PW-96A	Yes	No	None	None	Soil removed. Previously investigated area - ERNs 98-050 14-003.

Table 3-1: Summary of Activity

Location																		
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E14-051	98	Install new equipment rail.	11/17/14	11/18/14	Yes	Removal	Yes	3	Excavator	6x7x2	Yes	No	PW-27A	No	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-052	Canceled																	
E14-053	84	Install new slab.	12/02/14	12/02/14	Yes	Removal	Yes	8	Excavator	10x20x1	Yes	No	PW-01	No	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E14-054	Canceled																	
E14-055	Non-CERCLA Facility																	
E14-056	Concrete Removal Only																	
E14-057	Concrete Removal Only																	
E15-001	Canceled																	
E15-002	Canceled																	
E15-003	Canceled																	
E15-004	Non-CERCLA Facility																	
E15-005	Non-CERCLA Facility																	
E15-006	Canceled																	
E15-007	S-144 & S-145	Replace east 400k tank.	03/06/15	03/06/15	Yes	Removal	Yes	60	Excavator	80x80x0.25	No	No	PW-85A	Yes	Yes	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-008	Canceled																	
E15-009	Non-CERCLA Facility																	
E15-010	Canceled																	
E15-011	Canceled																	
E15-012	69	Install new slab.	04/30/15	05/07/15	Yes	Removal	Yes	10	Excavator	12x12x2	Yes	No	PW-03	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-013	Canceled																	
E15-014	Canceled																	
E15-015	Canceled																	
E15-016	Canceled																	
E15-017	Canceled																	
E15-018	114	Replace anode bed.	11/10/15	11/10/15	Yes	Removal	Yes	10	Excavator	5x60x1	Yes	No	PW-46A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-019	Canceled																	
E15-020	Canceled																	
E15-021	Canceled																	

Table 3-1: Summary of Activity

Location																		
ERN	**Plant Sector**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
E15-022	13	Relocate power line.	07/21/15	07/21/15	Yes	Removal	Yes	10	Excavator	3x30x3	Yes	No	PW-22A	No	No	None	None	Soil removed. Previously investigated area - ERN 97-035.
E15-023	Non-CERCLA Facility																	
E15-024	Canceled																	
E15-025	Canceled																	
E15-026	Canceled																	
E15-027	Canceled																	
E15-028	30	Install new slab.	09/21/15	09/21/15	Yes	Removal	Yes	10	Excavator	12x18x1.5	Yes	No	PW-90A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-029	N/A	Tie in natural gas line.	10/05/15	10/05/15	Yes	Removal	Yes	10	Excavator	8x8x4	Yes	No	PW-01	No	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-030	88	Install new slab.	10/23/15	10/30/15	Yes	Removal	Yes	2	Excavator	4x4x2	Yes	No	PW-25A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-031	Canceled																	
E15-032	Non-CERCLA Facility																	
E15-033	222	Install new slab.	10/26/15	11/02/15	Yes	Removal	Yes	6	Excavator	8x10x2	Yes	No	PW-88A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-034	S-144 & S-145	Relocate waste water line.	11/16/15	11/17/15	Yes	Removal	Yes	5	Excavator	2x15x2	Yes	No	PW-85A	Yes	No	None	None	Soil removed. Remaining levels below ODEQ RBCs.
E15-035	Canceled																	
E15-036	Canceled																	
E15-037	43	Emergency excavation - repair broken water line.	11/19/15	11/19/15	Yes	Removal	Yes	5	Excavator	7x7x2	Yes	No	PW-84A	No	No	None	None	Soil removed. Emergency excavation.
E15-038	103	Emergency excavation - repair broken water line.	11/24/15	11/24/15	Yes	Removal	Yes	3	Excavator	4x4x2	Yes	No	PW-81A	Yes	No	None	None	Soil removed. Emergency excavation.
E15-039	110	Install new storm water line.	12/11/15	12/11/16	Yes	Removal	Yes	10	Excavator	3x40x2	Yes	No	PW-87A	Yes	No	None	None	Soil removed. Previously investigated area - FCCA investigation.
E15-040	Canceled																	

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E14-001	43	Clay	8.07	246	0	0.0	<50	NS	NS	NS	0.121
E14-002	Canceled										
E14-003	82	Clay	4.16-10.07	345-2298	3-7	0.0	NS	Ba=0.706, Cr=0.00776, Pd=0.0043, Se=0.00207	NS	NS	0.0049-14
E14-004	98	Gravel/Clay	10.00	409	0	0.0	<50	Ba=0.681, Cd=0.00179, Cr=0.00941	NS	NS	ND
E14-005	Canceled										
E14-006	117	Gravel	9.30	146	0	0.0	<50	Ba=0.551, Cd=0.00208, Cr=0.00462	NS	NS	ND
E14-007	Canceled										
E14-008	Concrete Removal Only										
E14-009	Canceled										
E14-010	Canceled										
E14-011	Canceled										
E14-012	S-144	Gravel/Clay	6.17	561	3	0.0	<50	NS	NS	NS	ND
E14-013	Canceled										
E14-014	Canceled										
E14-015	91	Gravel	8.82	1,260	0	10.0	<50	Ba=0.379	NS	ND	0.015
E14-016	Canceled										
E14-017	122	Gravel/Clay	7.92	225	4	0.0	<50	NS	NS	NS	4.44
E14-018	Canceled										

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E14-019	Canceled										
E14-020	Previously investigated area										
E14-021	S-125	Gravel	7.82	218	0	0	<50	NS	NS	NS	0.022
E14-022	Canceled										
E14-023	Emergency Excavation										
E14-024	Canceled										
E14-025	Canceled										
E14-026	Asphalt Removal Only										
E14-027	Non-CERCLA Facility										
E14-028	Previously investigated area										
E14-029	Canceled										
E14-030	Canceled										
E14-031	Canceled										
E14-032	Non-CERCLA Facility										
E14-033	Canceled										
E14-034	Canceled										
E14-035	Canceled										
E14-036	Canceled										
E14-037	Non-CERCLA Facility										
E14-038	Canceled										
E14-039	Canceled										
E14-040	Canceled										
E14-041	Extraction area west road	Gravel/Silt	5.86-6.75	83-1107	1-5	0.0	<50	Ba=0.160-0.550	NS	NS	0.029-41.5
E14-042	Canceled										
E14-043	Non-CERCLA Facility										

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E14-044	Previously investigated area										
E14-045	Emergency Excavation										
E14-046	Non-CERCLA Facility										
E14-047	Canceled										
E14-048	Canceled										
E14-049	Non-CERCLA Facility										
E14-050	Previously investigated area										
E14-051	98	Gravel/Clay	10.19	440	5	0.0	<50	Ba=0.330, Se=0.0658	NS	NS	0.185
E14-052	Canceled										
E14-053	84	Gravel/Clay	8.28	440	5	0.0	<50	Ba=0.393	NS	NS	0.035
E14-054	Canceled										
E14-055	Non-CERCLA Facility										
E14-056	Concrete Removal Only										
E14-057	Concrete Removal Only										
E15-001	Canceled										
E15-002	Canceled										
E15-003	Canceled										
E15-004	Non-CERCLA Facility										
E15-005	Non-CERCLA Facility										
E15-006	Canceled										
E15-007	S-144 & S-145	Silt	5.02-6.50	101-915	1-2	0-0.3	<50	NS	NS	NS	0.008-0.053
E15-008	Canceled										
E15-009	Non-CERCLA Facility										
E15-010	Canceled										
E15-011	Canceled										

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E15-012	69	Gravel/Clay	8.26	217	7	1.4	<50	NS	NS	NS	0.41
E15-013	Canceled										
E15-014	Canceled										
E15-015	Canceled										
E15-016	Canceled										
E15-017	Canceled										
E15-018	114	Clay	7.58-8.37	84-105	3-5	0.0	<50	NS	NS	NS	0.033-21.5
E15-019	Canceled										
E15-020	Canceled										
E15-021	Canceled										
E15-022	Previously investigated area										
E15-023	Non-CERCLA Facility										
E15-024	Canceled										
E15-025	Canceled										
E15-026	Canceled										
E15-027	Canceled										
E15-028	30	Clay	6.68	112	5	0.3	<50	NS	NS	NS	4.19
E15-029	128	Gravel	7.70	67	2	0.1	<50	NS	NS	NS	0.859
E15-030	88	Gravel/Sand	8.05	65	2	0.0	<50	NS	NS	NS	0.689
E15-031	Canceled										
E15-032	Non-CERCLA Facility										
E15-033	222	Clay	7.21	87	5	0.0	<50	NS	NS	NS	0.0204
E15-034	S-144 & S-145	Silt	10.49	263	12	0.0	<50	Ba=0.0357, Cr=0.00768	NS	NS	0.473
E15-035	Canceled										

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Plant Sector	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E15-036	Canceled										
E15-037	Emergency Excavation										
E15-038	Emergency Excavation										
E15-039	Previously investigated area										
E15-040	Canceled										

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E14-001	43	2	No	5/12/2014	Bob Barker Trucking	Columbia Ridge Landfill	Clay	5.78	197	0	0.0	NS	NS	NS	0.0711
E14-002	Canceled														
E14-003	82	70	No	4/27/2015	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Clay	7.23-11.67	1802-3405	0	0	Ba=0.706, Cr=0.00776, Pd=0.0043, Se=0.00207	NS	NS	0.526-2.150
E14-004	98	1	No	5/12/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Clay	10.17	927	0	0.0	Ba=0.494, Cd=0.00171, Cr=0.00495	NS	NS	ND
E14-005	Canceled														
E14-006	117	3	No	5/12/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	9.98	352	0	0.0	Ba=0.551, Cd=0.00208, Cr=0.00462	NS	NS	0.0642
E14-007	Canceled														
E14-008	Concrete Removal Only														
E14-009	Canceled														
E14-010	Canceled														
E14-011	Canceled														
E14-012	S-144	1	No	8/29/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Clay	6.87	157	4	0.0	NS	NS	NS	0.110
E14-013	Canceled														
E14-014	Canceled														
E14-015	91	5	No	10/3/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	5.66	1,034	3	0.0	Ba=0.730, Cr=0.0138	NS	ND	0.282
E14-016	Canceled														
E14-017	122	1	No	8/29/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Clay	6.49	102	5	0.0	NS	NS	NS	1.98
E14-018	Canceled														

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E14-019	Canceled														
E14-020	S-174	1	No	7/17/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	10.29	414	0	0.0	Ba=0.507, Cr=0.0253	NS	NS	0.024
E14-021	S-125	4	No	7/18/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	7.99	314	0	0.0	NS	NS	NS	0.038
E14-022	Canceled														
E14-023	222	7	No	9/4/2014	Bob Barker Trucking	Columbia Ridge Landfill	Clay	6.54	106	5	0.0	NS	NS	NS	0.49
E14-024	Canceled														
E14-025	Canceled														
E14-026	Asphalt Removal Only														
E14-027	Non-CERCLA Facility														
E14-028	Cell 3	2	No	3/6/2015	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Clay	5.39-6.79	79-159	6-8	5-68	Ba=0.128-0.402, Se=ND-0.0341	NS	ND	0.0949-0.334
E14-029	Canceled														
E14-030	Canceled														
E14-031	Canceled														
E14-032	Non-CERCLA Facility														
E14-033	Canceled														
E14-034	Canceled														
E14-035	Canceled														
E14-036	Canceled														
E14-037	Non-CERCLA Facility														
E14-038	Canceled														
E14-039	Canceled														
E14-040	Canceled														
E14-041	Extraction area west road	50	No	10/8/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Silt	5.85-7.51	49-176	0	0.0	Ba=0.374-0.440	NS	NS	0.138-12.5

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E14-042	Canceled														
E14-043	Non-CERCLA Facility														
E14-044	Traux Creek	1	No	12/18/2014	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	7.25	126	5	0.0	Ba=0.391	NS	NS	1.3
E14-045	44	5	No	12/19/2014	Bob Barker Trucking	Columbia Ridge Landfill	Clay	9.66	189	3	0.0	Ba=0.347, Se=0.0372	NS	NS	0.038
E14-046	Non-CERCLA Facility														
E14-047	Canceled														
E14-048	Canceled														
E14-049	Non-CERCLA Facility														
E14-050	1	3	No	2/6/2015	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	7.62	545	8	0.0	Ba=0.320, Cr=0.021, Se=0.0533, Ag=0.0122	NS	NS	17.2
E14-051	98	3	No	2/6/2015	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	9.49	718	10	0.0	Ba=0.323, Cr=0.0127, Se=0.0681	NS	NS	0.756
E14-052	Canceled														
E14-053	84	8	No	2/10/2015	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Clay	9.94	166	8	0.0	Ba=0.508, Cr=0.0107, Se=0.0515	NS	NS	ND
E14-054	Canceled														
E14-055	Non-CERCLA Facility														
E14-056	Concrete Removal Only														
E14-057	Concrete Removal Only														
E15-001	Canceled														
E15-002	Canceled														
E15-003	Canceled														
E15-004	Non-CERCLA Facility														
E15-005	Non-CERCLA Facility														
E15-006	Canceled														
E15-007	S-144 & S-145	60	No	11/9/2015	Bob Barker Trucking	Columbia Ridge Landfill	Silt	7.19-8.27	106-1689	2-9	0.0	Ba=0.102, Cr=0.00969	NS	NS	0.012-1.5
E15-008	Canceled														
E15-009	Non-CERCLA Facility														
E15-010	Canceled														
E15-011	Canceled														
E15-012	69	5	No	12/14/2015	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Clay	8.49	204	5	0.0	NS	NS	NS	2.0
E15-013	Canceled														
E15-014	Canceled														
E15-015	Canceled														
E15-016	Canceled														

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Plant Sector	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
E15-017	Canceled														
E15-018	114	10	No	12/28/2015	Bob Barker Trucking	Columbia Ridge Landfill	Clay	7.18	87	3	0.0	NS	NS	NS	ND
E15-019	Canceled														
E15-020	Canceled														
E15-021	Canceled														
E15-022	13	10	No	12/29/2015	Bob Barker Trucking	Columbia Ridge Landfill	Silt	7.95	190	5	0.0	NS	NS	NS	0.043
E15-023	Non-CERCLA Facility														
E15-024	Canceled														
E15-025	Canceled														
E15-026	Canceled														
E15-027	Canceled														
E15-028	30	10	No	12/23/2015	Bob Barker Trucking	Columbia Ridge Landfill	Clay	6.99	97	2	0.0	NS	NS	NS	12.6
E15-029	128	10	No	12/28/2015	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	7.96	103	2	0.0	NS	NS	NS	0.935
E15-030	88	2	No	12/18/2015	Bob Barker Trucking	Columbia Ridge Landfill	Gravel/Sand	8.02	73	2	0.0	NS	NS	NS	ND
E15-031	Canceled														
E15-032	Non-CERCLA Facility														
E15-033	222	6	No	12/23/2015	Bob Barker Trucking	Columbia Ridge Landfill	Clay	9.81	125	3	0.0	Ba=0.143, Cr=0.00947	NS	NS	3.5
E15-034	S-144 & S-145	5	No	3/23/2016	Bob Barker Trucking	Columbia Ridge Landfill	Silt	7.59	116	5	0.0	NS	NS	NS	0.313
E15-035	Canceled														
E15-036	Canceled														
E15-037	43	5	No	3/24/2016	Bob Barker Trucking	Columbia Ridge Landfill	Clay	7.57	109	10	0.0	NS	NS	NS	3.07
E15-038	103	3	No	3/25/2016	Bob Barker Trucking	Columbia Ridge Landfill	Gravel	6.87	81	15	0.0	NS	NS	NS	0.0778
E15-039	110	10	No	3/23/2016	Bob Barker Trucking	Columbia Ridge Landfill	Silt	8.81	108	7	0.0	NS	NS	NS	0.0265
E15-040	Canceled														

Table 3-1: Summary of Activity

Location																		
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
16-001	400k tanks	Install safety bollards.	01/05/16	01/05/16	Yes	Removal	Yes	1	Excavator	0.5x0.5x2	Yes - 95-012	No	PW-89A	No - Fluoride, Nitrate	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-002	11	Install new equipment pad.	02/03/16	02/05/16	Concrete removal only													
16-003	23	Install plate in concrete.	03/04/16	03/07/16	Concrete removal only													
16-004	91	Repair natural gas leak.	03/01/16	03/01/16	No soil removed													
16-005	20	Install power pole.	03/09/16	03/09/16	Yes	Removal	Yes	1	Excavator	0.5x0.5x8	Yes - 09-019	No	PW-45A	No - VC	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-006	T-10	Install natural gas line.	04/01/16	04/02/16	Yes	Removal	Yes	8	Excavator	141x1.5x1	Yes - 03-036	No	PW-24A	No - Nitrate	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-007	Canceled																	
16-008	225	Install new fence around chlorine cars.	04/04/16	04/25/16	Yes	Removal	Yes	8	Excavator	10x20x1	No	No	PW-24A	No - Nitrate	Yes	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-009	1	Install foundation.	04/13/16	04/13/16	Yes	Removal	Yes	4	Excavator	10x10x1	No	No	PW-26A	No - Fluoride	Yes	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-010	Non-CERCLA Facility																	
16-011	Canceled																	
16-012	Canceled																	
16-013	21	Concrete repair.	05/25/16	05/25/16	Concrete removal only													
16-014	Non-CERCLA Facility																	
16-015	Canceled																	
16-016	1	Install new slab.	06/13/16	06/18/16	Yes	Removal	Yes	9	Excavator	12x20x1	No	No	PW-47A	Yes	Yes	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-017	88	Concrete repair.	06/21/18	06/21/18	Concrete removal only													
16-018	Non-CERCLA Facility																	
16-019	Canceled																	
16-020	Non-CERCLA Facility																	
16-021	S-176	Excavate TCA/TCE soil.	07/20/16	08/20/16	Yes	Removal and ChemOx	Yes	1500	Excavator	30x80x20	Yes - 07-066	Yes	TMW-3	No - Beryllium, Fluoride, VC, 1,1-DCE, 1,1-DCA, 1,1,1-TCA, TCE	No - Area Previously Investigated	Debris in excavation. Odor present.	TCE/TCA impact.	'Soil removed. Remaining levels below ODEQ RBCs.
16-022	27	Repair asphalt.	07/25/16	07/25/16	Asphalt removal only													
16-023	Non-CERCLA Facility																	
16-024	400k tanks	Demo west 400k tank.	06/29/16	07/28/16	Concrete removal only													
16-025	Canceled																	
16-026	Entrance	Replace asphalt.	08/20/16	08/20/16	Asphalt removal only													

Table 3-1: Summary of Activity

Location																		
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
16-027	84	Install equipment pad.	09/01/16	09/05/16	Yes	Removal	Yes	12	Excavator	15x15x1.5	Yes - 01-009	No	PW-12	No - VC, 1,1-DCE, 1,1,1-TCA, TCE	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-028	91	Repair concrete.	09/27/16	09/28/16	Concrete removal only													
16-029	Non-CERCLA Facility																	
16-030	Canceled																	
16-031	Canceled																	
16-032	98	Repair concrete.	09/29/16	10/05/16	Concrete removal only													
16-033	84	Repair concrete.	11/19/16	11/21/16	Concrete removal only													
16-034	400k tanks	Replace utility pole.	10/23/16	10/23/16	Yes	Removal	Yes	1	Excavator	0.5x0.5x8	Yes - 00-036	No	PW-01	No - VC, 1,1-DCE	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-035	1	Repair concrete.	11/01/16	11/01/16	Concrete removal only													
16-036	Non-CERCLA Facility																	
16-037	91	Install safety bollards.	12/01/16	12/01/16	Yes	Removal	Yes	1	Excavator	0.5x0.5x2	Yes - 14-015	No	PW-24A	No - Nitrate	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
16-038	128	Lower bathroom cleanout.	12/07/16	12/07/16	Concrete removal only													
16-039	Canceled																	
16-040	Canceled																	
16-041	71	Repair power pole.	12/26/16	12/26/16	No soil removed													
16-042	71	Replace concrete.	12/29/16	12/29/16	Concrete removal only													
17-001	14	Repair slab.	01/24/17	01/24/17	Concrete removal only													
17-002	Canceled																	
17-003	14	Drive ground rods.	02/27/17	02/27/17	No soil removed													
17-004	12	Anchor equipment to slab.	02/27/17	03/06/17	No soil removed													
17-005	Non-CERCLA Facility																	
17-006	86	Anchor car stops to asphalt.	03/27/17	03/27/17	No soil removed													
17-007	Canceled																	
17-008	217	Drive ground rods.	04/17/17	04/17/17	No soil removed													
17-009	Non-CERCLA Facility																	
17-010	8	Install electrical conduit.	04/22/17	04/22/17	No soil removed													
17-011	30	Repair water line.	04/27/17	04/27/17	Yes	Removal	Yes	3	Excavator	4x10x2	Yes - 01-004	No	PW-03	No - Nitrate	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
17-012	9	Demo containment berm.	06/01/17	06/15/17	No	Removal	Yes	14	Excavator	15x25x1	Yes - 03-023	No	PW-24A	No - Nitrate	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
17-013	217	Repair piping.	08/02/17	08/09/17	No	Removal	Yes	1	Excavator	25x1x1	Yes - 06-036	No	None	N/A	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
17-014	1	Replace telephone pole.	07/01/17	07/01/17	Yes	Removal	Yes	1	Excavator	0.5x0.5x8	Yes - 07-081	No	PW-25A	Yes	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.

Table 3-1: Summary of Activity

Location																		
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Soil Removed?**	**Volume (yd^3)**	**Removal Method**	**Dimensions (ft)**	**Area Previously Investigated?**	**Groundwater Encountered?**	**Downgradient Wells?**	**RAOs met at Downgradient Wells?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
17-015	98	Repair concrete.	08/07/17	08/08/17	Yes	Removal	Yes	4	Excavator	10x10x1	Yes - 13-022	No	PW-27A	No - Nitrate	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
17-016	11a	Replace asphalt.	07/20/17	07/20/17	Asphalt removal only													
17-017	13	Replace asphalt.	07/20/17	07/20/17	Asphalt removal only													
17-018	7	Replace asphalt.	07/20/17	07/20/17	Asphalt removal only													
17-019	Non-CERCLA Facility																	
17-020	73a	Replace asphalt.	07/20/17	07/20/17	Asphalt removal only													
17-021	17	Repair water line.	07/27/17	07/27/17	Yes	Removal	Yes	2	Excavator	10x3x2	Yes - 07-087	No	PW-74B	Yes	No - Area Previously Investigated	None	None	'Soil removed. Remaining levels below ODEQ RBCs.
17-022	42	Repair asphalt.	07/27/17	07/27/17	Asphalt removal only													
17-023	Canceled																	
17-024	222	Repair fire water line.	08/03/17	08/03/17	No	Removal	Yes	4	Excavator	15x4x2	Yes - 89-004	No	PW-88A	Yes	No - Area Previously Investigated	None	None	Soil Removed. Emergency Excavation.
17-025	11	Replace scrubber foundation.	09/13/17	09/14/13	Yes	Removal	Yes	15	Excavator	10x10x4	Yes - 96-047	No	PW-23A	No - Fluoride	No - Area Previously Investigated	Streaks of black sand.	None	'Soil removed. Remaining levels below ODEQ RBCs.
17-026	Non-CERCLA Facility																	
17-027	Non-CERCLA Facility																	
17-028	S-159	Repair piping.	09/29/17	09/29/17	No soil removed													
17-029	98	Repair fire water line.	10/04/17	10/04/17	Yes	Removal	Yes	1	Excavator	10x3x1	Yes - 12-030	No	PW-27A	No - Nitrate	No - Area Previously Investigated	None	None	Soil Removed. Emergency Excavation.
17-030	Canceled																	
17-031	Non-CERCLA Facility																	
17-032	8	Repair power pole.	10/24/17	10/24/17	No soil removed													
17-033	6	Repair power pole.	10/24/17	10/24/17	No soil removed													
17-034	84	Remove platform.	11/15/17	11/15/17	Concrete removal only													
17-035	Non-CERCLA Facility																	
17-036	215	Install footing.	12/11/17	12/11/17	No soil removed													
17-037	23	Replace concrete slabs.	12/17/17	12/20/17	No soil removed													
17-038	110	Replace concrete slab.	12/17/17	12/20/17	No soil removed													
17-039	Canceled																	
17-040	Canceled																	
17-041	Canceled																	
17-042	Canceled																	

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Building/ Structure	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
16-001	400k tanks	Fill/Soil	7.55	102	2	0.0	<50	NS	NS	NS	0.491
16-002	Concrete Removal Only										
16-003	Concrete Removal Only										
16-004	No Soil Removed										
16-005	T-10	Soil	6.84	48	1	0.0	<50	NS	NS	NS	0.143
16-006	20	1	6.76	96	3	0.0	<50	NS	NS	NS	10
16-007	Canceled										
16-008	225	Fill/Soil	7.64	184	1	0.0	<50	NS	NS	NS	0.535
16-009	1	Clay	7.91	107	10	0.0	<50	NS	NS	NS	0.0337
16-010	Non-CERCLA Facility										
16-011	Canceled										
16-012	Canceled										
16-013	Concrete Removal Only										
16-014	Non-CERCLA Facility										
16-015	Canceled										
16-016	1	Fill/Soil	7.77-7.98	521-824	2	0.0	<50	NS	NS	NS	1.5-2.6
16-017	Concrete Removal Only										
16-018	Non-CERCLA Facility										
16-019	Canceled										
16-020	Non-CERCLA Facility										
16-021	S-176	Fill/Soil	7.54-7.68	113-146	2-3	0	<50	NS	NS	NS	0.102-0.184
16-022	Asphalt Removal Only										
16-023	Non-CERCLA Facility										
16-024	Concrete Removal Only										
16-025	Canceled										
16-026	Asphalt Removal Only										
16-027	84	Soil	6.22-6.50	57-65	3-4	5	<50	NS	NS	NS	0.49-0.15
16-028	Concrete Removal Only										
16-029	Non-CERCLA Facility										
16-030	Canceled										
16-031	Canceled										
16-032	Concrete Removal Only										
16-033	Concrete Removal Only										
16-034	400k tanks	Fill/Soil	7.64	205	2	0	<50	NS	NS	NS	0.128
16-035	Concrete Removal Only										
16-036	Non-CERCLA Facility										
16-037	91	Fill/Soil	7.08	213	2	0	<50	NS	NS	NS	0.112
16-038	Concrete Removal Only										
16-039	Canceled										
16-040	Canceled										
16-041	No Soil Removed										
16-042	Concrete Removal Only										
17-001	Concrete Removal Only										
17-002	Canceled										
17-003	No Soil Removed										
17-004	No Soil Removed										
17-005	Non-CERCLA Facility										
17-006	No Soil Removed										
17-007	Canceled										
17-008	No Soil Removed										
17-009	Non-CERCLA Facility										
17-010	No Soil Removed										
17-011	30	Fill	7.38	126	4	0	<50	NS	NS	NS	ND
17-012	9	Fill	8.02	72	0	0	<50	NS	NS	NS	ND
17-013	217	Fill	7.26	155	0	0	<50	NS	NS	NS	ND
17-014	1	Fill/Soil	7.65	85	1	0	<50	NS	NS	NS	0.33
17-015	98	Fill	7.21	37	1	0	<50	NS	NS	NS	0.45
17-016	Asphalt Removal Only										
17-017	Asphalt Removal Only										
17-018	Asphalt Removal Only										
17-019	Non-CERCLA Facility										
17-020	Asphalt Removal Only										
17-021	17	Fill	7.23	24	0	0	<50	NS	NS	NS	0.112
17-022	Asphalt Removal Only										
17-023	Canceled										
17-024	Emergency Excavation										

Table 3-2: Onsite Evaluation

Location		Field Screening						Laboratory Results			
ERN	Building/ Structure	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
17-025	11	Fill	6.74	475	11	0	<50	NS	NS	NS	ND
17-026	Non-CERCLA Facility										
17-027	Non-CERCLA Facility										
17-028	No Soil Removed										
17-029	Emergency Excavation										
17-030	Canceled										
17-031	Non-CERCLA Facility										
17-032	No Soil Removed										
17-033	No Soil Removed										
17-034	Concrete Removal Only										
17-035	Non-CERCLA Facility										
17-036	No Soil Removed										
17-037	No Soil Removed										
17-038	No Soil Removed										
17-039	Canceled										
17-040	Canceled										
17-041	Canceled										
17-042	Canceled										

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Building/ Structure	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
16-001	400k tanks	1	No	March-16	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	7.62	88	3	0.0	NS	NS	NS	4.25
16-002	Concrete Removal Only														
16-003	Concrete Removal Only														
16-004	No Soil Removed														
16-005	20	1	No	May-16	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	6.12	56	3	0.0	NS	NS	NS	0.0132
16-006	T-10	8	No	June-16	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	8.5	117	6	0.0	NS	NS	NS	3.64
16-007	Canceled														
16-008	225	8	No	June-16	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	7.23	212	3	0.2	NS	NS	NS	0.595
16-009	1	4	No	May-16	Bob Barker Trucking	Columbia Ridge Landfill	Clay	8.72	123	3	0.0	NS	NS	NS	ND
16-010	Non-CERCLA Facility														
16-011	Canceled														
16-012	Canceled														
16-013	Concrete Removal Only														
16-014	Non-CERCLA Facility														
16-015	Canceled														
16-016	1	9	No	August-16	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	6.45-7.94	257-1057	2-3	0.0	Ba = 0.441; Cr = 0.0285; As, Cd, Pb, Hg, Se, Ag = ND	NS	NS	0.8-3.1
16-017	Concrete Removal Only														
16-018	Non-CERCLA Facility														
16-019	Canceled														
16-020	Non-CERCLA Facility														
16-021	S-176	1500	No	October-16	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	7.67-8.63	106-473	5-6	0.0	NS	NS	NS	0.088-0.214
16-022	Asphalt Removal Only														
16-023	Non-CERCLA Facility														
16-024	Concrete Removal Only														
16-025	Canceled														
16-026	Asphalt Removal Only														
16-027	84	12	No	November-16	Bob Barker Trucking	Columbia Ridge Landfill	Soil	7.51	95	5	0.0	NS	NS	NS	0.148
16-028	Concrete Removal Only														
16-029	Non-CERCLA Facility														
16-030	Canceled														
16-031	Canceled														
16-032	Concrete Removal Only														
16-033	Concrete Removal Only														
16-034	400k tanks	1	No	February-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	8.18	112	4	0.0	NS	NS	NS	0.154
16-035	Concrete Removal Only														

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Building/ Structure	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
16-036	Non-CERCLA Facility														
16-037	91	1	No	February-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	7.28	358	3	0.0	NS	NS	NS	0.095
16-038	Concrete Removal Only														
16-039	Canceled														
16-040	Canceled														
16-041	No Soil Removed														
16-042	Concrete Removal Only														
17-001	Concrete Removal Only														
17-002	Canceled														
17-003	No Soil Removed														
17-004	No Soil Removed														
17-005	Non-CERCLA Facility														
17-006	No Soil Removed														
17-007	Canceled														
17-008	No Soil Removed														
17-009	Non-CERCLA Facility														
17-010	No Soil Removed														
17-011	30	3	No	June-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill	7.45	138	6	0.0	NS	NS	NS	2.13
17-012	9	14	No	October-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill	8.12	56	0	0.0	NS	NS	NS	ND
17-013	217	1	No	October-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill	7.91	218	2	0.0	NS	NS	NS	ND
17-014	1	1	No	October-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill/Soil	7.56	145	3	0.0	NS	NS	NS	0.48
17-015	98	4	No	October-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill	6.89	349	5	0.0	NS	NS	NS	0.68
17-016	Asphalt Removal Only														
17-017	Asphalt Removal Only														
17-018	Asphalt Removal Only														
17-019	Non-CERCLA Facility														
17-020	Asphalt Removal Only														
17-021	17	2	No	November-17	Bob Barker Trucking	Columbia Ridge Landfill	Fill	7.25	24	0	0.0	NS	NS	NS	0.119
17-022	Asphalt Removal Only														
17-023	Canceled														
17-024	222	4	No	January-18	Bob Barker Trucking	Columbia Ridge Landfill	Fill	7.94	234	0	0.0	NS	NS	NS	ND
17-025	11	15	No	January-18	Bob Barker Trucking	Columbia Ridge Landfill	Fill	6.58	586	5	0.0	NS	NS	NS	1.12
17-026	Non-CERCLA Facility														
17-027	Non-CERCLA Facility														
17-028	No Soil Removed														
17-029	98	1	No	January-18	Bob Barker Trucking	Columbia Ridge Landfill	Fill	7.02	315	3	0.0	NS	NS	NS	0.162
17-030	Canceled														

Table 3-3: Waste Disposal Evaluation and Summary

Location		General Information					Field Screening					Laboratory Results			
ERN	Building/ Structure	Excavated Soil Volume (yd^3)	Stabilization Needed?	Disposal Date	Waste Hauler	Disposal Facility	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
17-031	Non-CERCLA Facility														
17-032	No Soil Removed														
17-033	No Soil Removed														
17-034	Concrete Removal Only														
17-035	Non-CERCLA Facility														
17-036	No Soil Removed														
17-037	No Soil Removed														
17-038	No Soil Removed														
17-039	Canceled														
17-040	Canceled														
17-041	Canceled														
17-042	Canceled														

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
18-001	Non-CERCLA Facility										
18-002	Asphalt/Concrete Removal Only										
18-003	Asphalt/Concrete Removal Only										
18-004	Asphalt/Concrete Removal Only										
18-005	Asphalt/Concrete Removal Only										
18-006	Asphalt/Concrete Removal Only										
18-007	Asphalt/Concrete Removal Only										
18-008	Asphalt/Concrete Removal Only										
18-009	Asphalt/Concrete Removal Only										
18-010	Asphalt/Concrete Removal Only										
18-011	Asphalt/Concrete Removal Only										
18-012	Asphalt/Concrete Removal Only										
18-013	Asphalt/Concrete Removal Only										
18-014	Asphalt/Concrete Removal Only										
18-015	Asphalt/Concrete Removal Only										
18-016	Asphalt/Concrete Removal Only										
18-017	Asphalt/Concrete Removal Only										
18-018	79	Replace new equipment pad.	7/26/2018	8/3/2018	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-019	126	Replace city sewer lift station.	8/14/2018	10/15/2018	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-020	Asphalt/Concrete Removal Only										
18-021	Fuel Pumps	Replace concrete pad for fuel station.	08/20/18	08/27/18	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-022	171	Install guy wires.	08/28/18	09/05/18	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-023	43	Excavate to verify utilities.	9/4/2018	9/11/2018	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-024	Asphalt/Concrete Removal Only										

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
18-025	Non-CERCLA Facility										
18-026	Asphalt/Concrete Removal Only										
18-027	Asphalt/Concrete Removal Only										
18-028	44	Repair water leak.	10/08/18	10/09/18	No	Removal	Yes	No - Area previously investigated	None	No	None
18-029	Asphalt/Concrete Removal Only										
18-030	40	Excavate to verify air lines.	10/19/2018	10/27/2018	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-031	116	Install bollards.	11/8/2018	11/19/2018	No	Removal	Yes	No - Area previously investigated	None	No	None
18-032	Asphalt/Concrete Removal Only										
18-033	Asphalt/Concrete Removal Only										
18-034	Asphalt/Concrete Removal Only										
18-035	Asphalt/Concrete Removal Only										
18-036	123	Install footings for pipe bridge.	11/27/2018	11/28/2018	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-037	13	Install footings for pipe bridge.	11/28/18	11/29/18	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
18-038	Asphalt/Concrete Removal Only										
18-039	Non-CERCLA Facility										
18-040	Extrusion	Install power pole.	12/14/2018	12/28/2018	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-001	MC-D	Install stairs.	01/10/19	01/12/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-002	Asphalt/Concrete Removal Only										

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
19-003	Dump	Install guy wires.	02/07/19	02/08/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-004	Asphalt/Concrete Removal Only										
19-005	Non-CERCLA Facility										
19-006	Asphalt/Concrete Removal Only										
19-007	Non-CERCLA Facility										
19-008	Asphalt/Concrete Removal Only										
19-009	69	Install footings for pipe bridge.	3/20/2019	4/14/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-010	CT-7	Install guy wires.	03/21/19	04/01/19	No	Removal	Yes	No - Area previously investigated	None	No	None
19-011	128	Install guy wires.	4/15/2019	4/22/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-012	Asphalt/Concrete Removal Only										
19-013	Non-CERCLA Facility										
19-014	Asphalt/Concrete Removal Only										
19-015	Non-CERCLA Facility										
19-016	Non-CERCLA Facility										
19-017	Non-CERCLA Facility										
19-018	Non-CERCLA Facility										
19-019	Non-CERCLA Facility										
19-020	Non-CERCLA Facility										
19-021	Asphalt/Concrete Removal Only										
19-022	Asphalt/Concrete Removal Only										
19-023	SLEP	Replace power pole.	06/27/19	06/28/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-024	198	Replace power pole.	07/09/19	08/08/19	No	Removal	Yes	No - Area previously investigated	None	No	None

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
19-025	Cancelled										
19-026	104	Repair oxygen line.	07/24/19	07/25/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-027	Cancelled										
19-028	11	Repair floor.	7/24/2019	7/28/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-029	Cancelled										
19-030	Asphalt/Concrete Removal Only										
19-031	69	Repair water leak.	08/01/19	08/02/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-032	49	Repair floor.	08/09/19	10/15/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-033	FCCA	Install EISB injection points.	8/17/2019	8/25/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-034	Non-CERCLA Facility										
19-035	114	Repair natural gas line.	8/29/2019	9/5/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-036	Asphalt/Concrete Removal Only										
19-037	104	Demo building.	9/16/2019	12/5/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-038	Asphalt/Concrete Removal Only										
19-039	Asphalt/Concrete Removal Only										
19-040	Asphalt/Concrete Removal Only										
19-041	Asphalt/Concrete Removal Only										
19-042	Chlorine station	Install light pole.	9/30/2019	10/31/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
19-043	Farm Ponds	Install power pole.	9/23/2019	9/23/2019	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-044	Solids Area - River Pump	Install power pole.	9/23/2019	9/24/2019	Yes	Removal	No	Yes	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-045	Asphalt/Concrete Removal Only										
19-046	Asphalt/Concrete Removal Only										
19-047	Cooling pond	Repair water leak.	10/24/19	10/24/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-048	Asphalt/Concrete Removal Only										
19-049	Asphalt/Concrete Removal Only										
19-050	S-185	Replace concrete pad.	11/25/19	12/01/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-051	Non-CERCLA Facility										
19-052	Asphalt/Concrete Removal Only										
19-053	Non-CERCLA Facility										
19-054	30	Repair floor.	11/25/19	12/18/19	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-055	Asphalt/Concrete Removal Only										
19-056	Asphalt/Concrete Removal Only										
19-057	Main Entrance	Move fire hydrant.	12/16/19	01/20/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
19-058	Asphalt/Concrete Removal Only										
20-001	95	Install guy wires.	01/23/20	02/22/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
20-002	123	Install guy wires.	01/23/20	02/22/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-003	Asphalt/Concrete Removal Only										
20-004	Asphalt/Concrete Removal Only										
20-005	Asphalt/Concrete Removal Only										
20-006	Pond 1B	Repair industrial water leak.	02/11/20	02/12/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-007	Cancelled										
20-008	Asphalt/Concrete Removal Only										
20-009	Non-CERCLA Facility										
20-010	Asphalt/Concrete Removal Only										
20-011	116	Install concrete pad.	02/24/20	02/27/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-012	Asphalt/Concrete Removal Only										
20-013	Asphalt/Concrete Removal Only										
20-014	Asphalt/Concrete Removal Only										
20-015	122	Repair natural gas line.	03/09/20	03/10/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-016	AST	Repair water leak.	03/16/20	03/17/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-017	Asphalt/Concrete Removal Only										
20-018	1	Repair water leak.	04/07/20	04/08/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-019	81	Install drain.	04/13/20	04/13/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-020	Asphalt/Concrete Removal Only										
20-021	Non-CERCLA Facility										

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
20-022	Asphalt/Concrete Removal Only										
20-023	30	Move baghouse.	04/27/20	05/03/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-024	27	Move transformer bank.	06/22/20	07/10/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-025	Asphalt/Concrete Removal Only										
20-026	Asphalt/Concrete Removal Only										
20-027	Asphalt/Concrete Removal Only										
20-028	Asphalt/Concrete Removal Only										
20-029	Asphalt/Concrete Removal Only										
20-030	Asphalt/Concrete Removal Only										
20-031	Main Entrance	Install concrete pad.	06/23/20	08/20/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-032	66	Geotech exploration.	06/25/20	06/28/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-033	Non-CERCLA Facility										
20-034	Asphalt/Concrete Removal Only										
20-035	CT-1	Repair water leak.	07/17/20	07/18/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-036	Asphalt/Concrete Removal Only										
20-037	Asphalt/Concrete Removal Only										
20-038	Asphalt/Concrete Removal Only										
20-039	Asphalt/Concrete Removal Only										
20-040	Asphalt/Concrete Removal Only										
20-041	Asphalt/Concrete Removal Only										
20-042	Non-CERCLA Facility										
20-043	Non-CERCLA Facility										

Table 1: Summary of Activity

Location											
ERN	**Building/ Structure**	**Work Activity Description**	**Start Date**	**End Date**	**Contamination Found?**	**Cleanup Actions Performed**	**Area Previously Investigated?**	**Evaluation Required?**	**Description of any visible contamination**	**Potential impact to groundwater remedy**	**Summary of Remedial Action**
20-044	Dump	Replace power pole.	10/01/20	10/02/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-045	88	Replace power pole.	10/01/20	10/02/20	Yes	Removal	Yes	No - Area previously investigated	None	No	Soil removed. Remaining levels below ODEQ RBCs.
20-046	231	Install building foundation.	11/02/20	12/18/20	Yes	Removal	No	Yes	Chlorides and soil staining visible in upper 4 feet. No staining visible deeper.	Yes	Soil removed. Remaining levels to be addressed under CERCLA.
20-047	Asphalt/Concrete Removal Only										
20-048	Asphalt/Concrete Removal Only										

Table 2: Onsite Evaluation

	Field Screening						Laboratory Results			
ERN	Visual Description	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	PCB Field Test Kit (ppm)	Total RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
19-044	Soil	7.22	26	7	0	<50	NS	NS	NS	ND
20-046	N/A	3.38-11.54	31-942	11-2200	0	N/A	As = 3.72-8.60, Ba = 30.4-215, Cd = 0.279-23.5, Cr = 15.6-56.0, Pb = 5.65-14.0, Hg = 0.0866-0.123, Ag = 0.279-30.7, Se = 1.08-1.54	Th (mg/kg): 4.52-1810, U (mg/kg): 0.699-52.2, Ra-226: 0.56-220, Ra-228: 1.2-180	NS	0.0274-1.29

Table 3: Waste Disposal Evaluation and Summary

		Field Screening				Laboratory Results			
ERN	Excavated Soil Volume (yd^3)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
18-018	1.00	6.34	85	11	0	NS	NS	NS	0.5533
18-019	30.00	6.15	154	11	0	NS	NS	NS	0.0492-0.0866
18-021	10.00	6.88	138	11	0.0	NS	NS	NS	0.0455
18-022	1.00	6.24	198	13	0	NS	NS	NS	0.1253
18-028	1.00	5.99	218	12	0	NS	NS	NS	ND
18-030	3.00	6.15	154	11	0	NS	NS	NS	0.708
18-031	0.50	6.68	68	12	0	NS	NS	NS	ND
18-036	1.55	6.18	154	12	0	NS	NS	NS	1.55
18-037	3.00	6.38	168	12	0.0	NS	NS	NS	1.177
18-040	1.00	6.28	185	13	0.1	NS	NS	NS	0.0169
19-001	2.00	6.43	215	11	0	NS	NS	NS	0.0484
19-003	0.25	6.76	54	11	0	NS	NS	NS	2.192
19-009	3.00	6.63	68	13	0	NS	NS	NS	0.3278
19-010	0.50	6.22	348	11	0	NS	NS	NS	ND
19-011	0.50	5.78	222	13	0.3	NS	NS	NS	1.224
19-023	0.50	6.77	181	12	0.2	NS	NS	NS	0.0207
19-024	2	6.36	28	12	0	NS	NS	NS	ND
19-026	4	7.06	170	17	150.0	NS	NS	ND	25.42
19-028	8	6.26	4136	18	5.2	As = 0.48, Ba = 11.3, Cd = 0.42, Cr = 2.6, Pb = 0.49, Hg = 0.005, Ag = 0.06	NS	ND	0.1634
19-031	2	6.91	149	14	0.7	NS	NS	NS	1.46

Table 3: Waste Disposal Evaluation and Summary

		Field Screening				Laboratory Results			
ERN	Excavated Soil Volume (yd^3)	pH	Conductivity (uS/cm)	Gamma (uR/hr)	Organic Vapors (ppm)	TCLP RCRA Metals (mg/L)	Radium (pCi/g)	VOCs (mg/kg)	PCBs (ppm)
19-032	60	6.37-6.91	254-651	11-41	0-0.5	Pending			
19-035	4	6.78	103	11	0	NS	NS	NS	29.75
19-037	80	6.01-6.35	85-418	12-46	0-.3	Pending			
19-042	0.5	6.76	291	13	1.3	NS	NS	NS	0.0174
19-043	0.25	6.62	117	12	15.4	NS	NS	ND	0.407
19-044	0.25	6.85	422	11	0.3	NS	NS	NS	0.2146
19-047	8	6.84	184	17	150.0	NS	NS	ND	14.97
19-050	8	6.13	154	13	0.1	NS	NS	NS	5.9
19-054	60	6.11-6.98	158-645	11-56	0-.1	Pending			
19-057	6	6.44	39	11	5.9	NS	NS	ND	0.0249
20-001	0.25	6.46	964	13	0.0	NS	NS	NS	0.577
20-002	0.25	6.58	433	11	0.0	NS	NS	NS	0.535
20-006	0.25	6.51	62	10	0.5	NS	NS	NS	0.2311
20-011	1	6.33	125	11	0.0	NS	NS	NS	2.11
20-015	0.25	6.66	64	13	0.0	NS	NS	NS	0.391
20-016	3	6.7	156	13	0.0	NS	NS	NS	6.91
20-018	8	6.63	89	12	1.0	NS	NS	NS	1.622
20-019	1	6.11	112	12	0.0	NS	NS	NS	0.2184
20-023	0.25	5.77	57	12	0	NS	NS	NS	0.036
20-024	2	6.3	102	11	100	NS	NS	ND	0.0915
20-031	2	6.64	160	11	0.7	NS	NS	NS	0.3104
20-032	0.25	6.84	185	12	0.1	NS	NS	NS	0.4508
20-035	5	6.56	784	13	1.2	NS	NS	NS	4.58
20-044	1	6.23	52	12	0	NS	NS	NS	0.1818
20-045	1	6.55	158	12	0	NS	NS	NS	0.0845
20-046	1900	Pending							