



5508 35th Avenue NE, Suite 108
Seattle, Washington 98105
Phone: (206) 523-3505 Fax: (206) 523-0224
Whitenviro@yahoo.com

July 6, 2009

Portac, Inc.
Fabulich Center
3600 Port of Tacoma Rd., Suite 302
Tacoma, WA 98424

Attention: Mr. Terry Mathern

Subject: Lumber Mill Demolition
Environmental Cleanup and Testing Report
Portac Property
4215 N Frontage Road, SR 509
Tacoma, Washington

Dear Mr. Mathern:

As part of the closure of the above referenced facility, Whitman Environmental Sciences (WES), oversaw and documented the closure and environmental cleanup of several sources of environmental contamination on the site. These included a lumber dip tank, wood treatment spray areas in the mill and planer buildings, and an area of the mill where hydraulic equipment had been located. This report documents the conditions that were encountered, the cleanup activities that were conducted and further investigation of other areas of the site. It includes the results of all confirmation testing of the excavations, the results of groundwater monitoring conducted at the site and documentation of the disposal of waste soils and water. The findings are presented in relation to regulatory criteria under the Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) (Chapter 173-340 WAC).

Four copies of this report are included, for your use and distribution. In addition, I have submitted copies directly to the Washington Department of Ecology and Port of Tacoma on your behalf.

Whitman Environmental Sciences has been pleased to have the opportunity to be of service to you in this matter. If you have any questions regarding the information contained in this report, or if I may be of any further assistance, please feel free to contact me.

Respectfully submitted,
Whitman Environmental Sciences

A handwritten signature in black ink, appearing to read 'Daniel S. Whitman', written over a horizontal line.

Daniel S. Whitman
Principal

**LUMBER MILL DEMOLITION
ENVIRONMENTAL CLEANUP AND TESTING**

**PORTAC, INC.
4215 N FRONTAGE ROAD, SR 509
TACOMA, WASHINGTON 98424**

**July 6, 2009
Project No. WES-1400**

**LUMBER MILL DEMOLITION
ENVIRONMENTAL CLEANUP AND TESTING**

**PORTAC, INC.
4215 N. FRONTAGE ROAD, SR 509
TACOMA, WASHINGTON 98424**

**July 6, 2009
Project No. WES-1400**

**Prepared for:
Portac, Inc.
4215 N Frontage Road, SR 509
Tacoma, Washington 98424**

**By:
Whitman Environmental Sciences
5508 35th Avenue NE, Suite 108
Seattle, Washington 98105
(206) 523-3505**

TABLE OF CONTENTS

	Page
1.0	SUMMARY 1
2.0	PROJECT BACKGROUND 3
2.1	Property Description and History 3
2.2	Prior Environmental Investigations 4
3.0	ANTICIPATED SCOPE OF WORK 5
3.1	Selection of Indicator Hazardous Substances 6
4.0	DIP TANK REMOVAL AND CLEANUP ACTIVITIES 7
4.1	Groundwater Management 9
4.2	Soil Sampling During Excavation 9
4.3	Laboratory Analytical Testing 9
4.3.1	Excavation Sample Analytical Results 10
4.3.2	Stockpile Sample Analytical Results 10
4.4	Waste Disposal 11
4.5	Restoration 11
5.0	PENTACHLOROPHENOL SPRAY BOOTH AREAS 11
5.1	Drilling and Monitoring Well Installation 11
5.2	Well Development and Sampling 12
5.3	Groundwater Sample Laboratory Analyses 12
5.3.1	Groundwater Sample Analytical Results 12
5.4	Sawmill Spray Booth Area Investigation 13
5.4.1	Sawmill Spray Booth Excavation Sampling and Analysis 13
5.4.2	Groundwater Management 13
5.4.3	Restoration 13
5.5	Sawmill Edger Spray Booth Test Pit 13
5.6	Planer Spray Booth Investigation and Cleanup 14
5.6.1	Planer Area Soil Disposal 14
6.0	SAWMILL HYDRAULIC EQUIPMENT AREA CLEANUP 15
6.1	Hydraulic Equipment Area Test Pits 15
6.2	Hydraulic Equipment Area Excavation 15
6.3	Hydraulic Equipment Area Laboratory Testing 16
6.4	Soil Sample Analytical Results 16
6.5	Calculation of Method B and C Soil Cleanup Levels 16
6.6	Stormwater Management 17
6.7	Restoration 17
7.0	POST-CLEANUP SITE INVESTIGATION 17
7.1	Drilling and Soil Sampling 17
7.2	Monitoring Well Installation 19
7.3	Monitoring Well Development, Survey and Water Level Measurements 19
7.4	Groundwater Sampling 19
7.5	Laboratory Analyses of Soil and Groundwater Samples 20
7.5.1	Soil Sample Analyses 20
7.5.2	Groundwater Sample Analyses 21
7.6	Inferred Groundwater Contours and Direction of Migration 22

8.0	CONCLUSIONS AND RECOMMENDATIONS	22
9.0	LIMITATIONS / CLOSURE	23
10.0	REFERENCES	25

TABLES

Table 1 - Indicator Hazardous Substances and MTCA Cleanup Criteria
Table 2 - Dip Tank Removal Soil Sample Analytical Summary
Table 3 - Dip Tank Waste Soil Analytical Summary
Table 4 - Additional Dip Tank Area Soil Waste Characterization
Table 5 - Mill and Planer Spray Booth Area Groundwater Sample Analytical Summary
Table 6 - Mill and Planer Spray Area Soil Sample Analytical Summary
Table 7 - Planer Area Stockpile Waste Characterization Sample Analytical Summary
Table 8 - Mill Hydraulic Equipment Area Test Pit Soil Sample Analytical Summary
Table 9 - Mill Hydraulic Equipment Area Soil Sample Analytical Summary
Table 10 - Crushed Concrete Backfill Analytical Summary
Table 11 - Summary of Groundwater Level Measurements
Table 12 - Site Investigation Soil Sample Analytical Summary
Table 13 - Site Investigation Groundwater Sample Analytical Summary

FIGURES

Figure 1 - Site Location Plan
Figure 2 - Site Plan
Figure 3 - REVISED Drilling Location Plan (from CDM Report)
Figure 4 - Dip Tank Area Site Plan Showing Investigation Data Before Excavating
Figure 5 - Dip Tank Excavation and Soil Sampling Locations - 9/16/2008
Figure 6 - Dip Tank Excavation and Soil Sampling Locations - 9/17/2008
Figure 7 - Dip Tank Excavation and Soil Sampling Locations - 9/18-19/2008
Figure 8 - Dip Tank Excavation and Soil Sampling Locations - 9/24/2008
Figure 9 - Mill Spray Booth Excavation and Sampling Plan
Figure 10 - Planer Spray Booth Excavation and Sampling Plan
Figure 11 - Mill Hydraulic Equipment Area Excavation and Sampling Plan
Figure 12 - Site Investigation Sampling and Monitoring Well Location Plan
Figure 13 - Inferred Groundwater Contours - 5-22-2009

APPENDICES

Appendix A - Site Photographs
Appendix B - Remedial Action Laboratory Analytical Reports, TestAmerica, Inc. & Friedman & Bruya, Inc.
Appendix C - Soil and Groundwater Disposal Documentation
Appendix D - Soil Boring Logs and Monitoring Well Construction Diagrams
Appendix E - Ecology MTCATPH 11.1 Workbook Calculation of Method B and C Soil Cleanup Levels for Site Specific Petroleum Mixture
Appendix F - Site Investigation Laboratory Analytical Reports, Friedman & Bruya, Inc. & Pace Analytical Inc.

LUMBER MILL DEMOLITION ENVIRONMENTAL CLEANUP AND TESTING

**PORTAC, INC.
4215 N. FRONTAGE ROAD, SR 509
TACOMA, WASHINGTON 98424**

1.0 SUMMARY

Whitman Environmental Sciences (WES) was retained by Portac, Inc. to oversee the environmental compliance during closure and demolition of Portac's Tacoma sawmill. The closure included removing a former lumber treatment dip tank, excavation of soil contaminated with pentachlorophenol and/or petroleum, conducting confirmation sampling of the sidewalls and bases of the excavated areas, characterizing waste soils for disposal, installing monitoring wells at locations where pentachlorophenol spray equipment had been used in the past, and investigation of other potential sources of environmental contaminants.

The Portac site is on the northeastern corner of the intersection of SR 509 and E. Alexander Avenue, in Tacoma, Washington. Portac and its predecessor companies leased the property from the Port of Tacoma and operated a sawmill on the property beginning in the early 1970s. The site is an approximately 52 acre parcel of land with two main functional areas; the lumber mill and a logyard. All of the activities documented by this report were in the lumber mill area and the logyard remained undisturbed throughout this facility closure. WES has addressed the closure of a former log ramp under separate cover (WES 2009a).

Our main observations and conclusions of this work are presented below:

- The demolition of the dip tank encountered soil with pentachlorophenol (PCP) and total petroleum hydrocarbons at concentrations exceeding Washington State Model Toxics Control Act (MTCA) soil cleanup criteria. A total of 1,130.38 tons of soil were excavated from the dip tank area and were characterized as dangerous waste under State and Federal regulation. Confirmation sampling of the excavation base and sidewalls found no residual PCP, petroleum or dioxin concentrations exceeding MTCA soil cleanup criteria. A total of 3,350 gallons of groundwater were pumped from the excavation while the work was conducted. The water was managed and treated by Marine Vacuum, Inc. The soil was manifested and trucked to the U.S. Ecology landfill in Grand View, Idaho, for disposal, in November and December 2008.
- Test drilling conducted at two former PCP spray booths at the sawmill and planer buildings identified PCP in groundwater at concentrations exceeding Washington MTCA groundwater cleanup criteria. The two areas were excavated to remove potentially contaminated soil. At the former sawmill spray booth, the excavation involved removing approximately 200 cubic yards of soil. However, none of the samples of the stockpiled soil or from that excavation's sidewalls or base contained detectable concentrations of PCP. The soil was returned to the excavation and compacted.

- PCP concentrations exceeding Washington State Model Toxics Control Act soil cleanup criteria were encountered at a former spray booth area in the planer building. The area was excavated in three separate phases until confirmation testing found no further PCP concentrations in the sidewalls or base of the excavation. The excavated soil was stockpiled for disposal characterization and tested. The reported concentrations in the stockpile were below the state and federal Universal Treatment Standard for dangerous waste characterization. The Tacoma Pierce County Health Department (TPCHD) approved disposal of the soil at the LRI landfill in Graham, Washington. A total of 128.11 tons of soil from the planer spray booth area were loaded, trucked and disposed at the LRI landfill in December 2008.
- Demolition in the sawmill encountered soil contaminated with hydraulic oil, from spills or leakage in the area of the main hydraulic system that operated much of the equipment in the mill. A total of approximately 744.59 tons of petroleum contaminated soil was excavated and disposed at the LRI landfill in Graham, Washington. Confirmation sampling in the excavation sidewalls and base found no remaining total petroleum hydrocarbon concentrations exceeding MTCA Method A cleanup criteria.
- WES calculated MTCA Method B and Method C soil cleanup levels for the site specific hydraulic oil, using the Department of Ecology's Workbook Tools for Calculating Soil and Groundwater Cleanup Levels (MTCATPH 11.1). The workbook determined the Method B and Method C cleanup levels for this petroleum would be 8,803 and 105,842 mg/kg, respectively. Although all sampling indicates the dip tank and hydraulic equipment area excavations were successful at meeting the MTCA Method A unrestricted land use cleanup criteria of 2,000 mg/kg, any residual concentrations of this petroleum up to the Method B cleanup criteria would be suitable to remain in place, while allowing unrestricted land use. If the site will be restricted to land uses meeting Ecology's definition of industrial property, concentrations up to the Method C cleanup criteria remaining on site would meet Department of Ecology cleanup standards.
- An investigation of conditions at the former machine shop and fueling area did not find evidence of soil or groundwater impacts exceeding MTCA cleanup criteria for any suspected contaminants.
- Groundwater sampling completed after the cleanup activities has found residual concentrations of PCP at the former dip tank area and at the former spray booth area of the planer building. The detected concentrations exceed MTCA Method B groundwater cleanup criteria standard formula values. The sample of groundwater from the dip tank area also contained oil range petroleum hydrocarbons at concentrations exceeding MTCA groundwater cleanup criteria. Monitoring wells located in the area around the dip tank do not show evidence of migration of contaminants.
- The groundwater elevations measured in seven on-site monitoring wells infer a gradient of groundwater migration to the northwest.

This summary is presented for introductory purposes only and should be used only in conjunction with the full text of this report.

2.0 PROJECT BACKGROUND

2.1 Property Description and History

The subject property consists of an approximately triangular parcel of about 52 acres of land owned by the Port of Tacoma. The location of the site is indicated in Figure 1. It is at the northeastern corner of the intersection of State Route 509 and E. Alexander Avenue, in Tacoma, Washington. The property is identified by Pierce County Tax I.D. Number 5000350150. Portac, Inc. and its predecessor companies have occupied the property since about 1974, operating a sawmill and dry kilns during most of that time.

The property generally consist of two functionally distinct areas; the former mill area in the southwestern part of the property, and the logyard occupying the remainder of the site. Figure 2, an historical aerial photograph, shows the general layout of the former site features. All of the features removed in the demolition of the site, and all of the activities addressed in this report are in the lumber mill portion of the property. Figure 2 notes the locations of the features and activities discussed below.

The past site uses resulted in several areas that required investigation or cleanup during the closure of the mill. These included:

- From about 1976 to 1986, Portac used a pentachlorophenol (PCP) solution as a sap stain preventative. The solution was made by mixing about one percent PCP in water. Initially PCP was sprayed on lumber as it passed through spray booths in the facility. There were two spray booths in the sawmill building and another booth in the planer building. The booths were relatively small and had containment to collect and re-circulate the spray solution. All these areas were investigated and cleanup was conducted, where necessary.

In the sawmill building, the main spray area was located on the south side of the building where the “green chain” carried lumber out of the building to sorting bins. It had a metal drip collection pan, but the area beneath the pan was an unpaved gravel area where wood debris would tend to collect. The other sawmill spray booth was in the western end of the building, where lumber passed through an edger. This location was inside the building and had a concrete floor beneath the booth. These spray booths operated from about 1978 to 1980.

The spray booth in the planer building was only used for a short time, from late 1976 to 1978. The booth was located inside the western end of building, but in an area without a concrete floor. During demolition, soil was excavated from this area for disposal and groundwater monitoring was conducted.

- In 1980, Portac installed a dip tank to replace the spray booths. The dip tank was located at the north end of the storage building where lumber was bundled before shipping. The dip tank was a rectangular steel tank about 30 feet long, six feet wide and about six feet deep. There was an hydraulic lift that lowered bundles of wood into the dip tank and a large steel drip pan area that returned drips to the tank. The dip tank used PCP from about 1980 to 1986. After that, Portac changed to a different sap stain control solution, Kop-Coat NP-1. Portac used NP-1 from about 1986 to early 2008. The dip tank was removed as part of demolition and PCP contaminated soil was excavated. This report includes documentation of the cleanup of this area.

- A large centralized hydraulic system that operated much of the equipment in the sawmill building. There were two hydraulic pump rooms located in the northeastern part of the mill. Reportedly, there were several large spills related to the pumps and hydraulic lines over the life of the mill. The spills were on concrete floors and were thought to be well contained. However, petroleum contaminated soil was encountered during demolition beneath the former concrete floor slabs. This report includes documentation of the cleanup of this portion of the site.

Portac closed their sawmill in February 2008 and retained Olympic Associates, Inc. to coordinate the demolition of the facility.

All of the former mill buildings have been removed as part of the closure of the facility. The logyard has previously been capped with a roller compacted concrete slab and was not disturbed by any part of the lumbermill demolition.

2.2 Prior Environmental Investigations

To prepare for the facility closure, Portac retained Camp Dresser & McKee, Inc. (CDM) to conduct an environmental site assessment. CDM visited the property and discussed the history of past operations with Portac. Based on their review, CDM conducted two phases of site investigation, taking soil and groundwater samples from a number of locations on the property where past activities suggested a potential for environmental contaminants. CDM directed cleaning of the dip tank and surrounding pavement surfaces in preparation for closure. CDM addressed their findings in two reports dated August 7th, 2008 and November 3, 2008, respectively (CDM, 2008a, 2008b). They identified the dip tank and PCP spray areas as potential areas of concern.

As part of their investigations, CDM drilled soil borings in the vicinity of the former dip tank and two of the three identified former spray booths. Groundwater monitoring wells were installed around the dip tank and temporary Geoprobe were used to obtain groundwater samples from the spray booth areas. (Note: Site drawings in both CDM reports mis-locate their drilling in the area of the sawmill and planer building spray booths. WES observed the drilled locations immediately after their work was completed. A revised drawing from CDM's report, showing the actual drilled locations is included as Figure 3 in this report.) Figure 4 shows the sampling locations and monitoring wells around the dip tank, representing the available data which CDM used to estimate the scope of work necessary for closure.

Soil and groundwater samples from the borings were subjected to laboratory analyses for a variety of parameters, including pentachlorophenol, 3-iodo-2-propynyl butyl carbamate (IPBC), ammonia, petroleum hydrocarbons, benzene, toluene, ethylbenzene and xylenes (BTEX compounds), arsenic, cadmium and lead.

The testing identified low but detectable concentrations of pentachlorophenol in soil samples from several of the borings around the dip tank, and at the spray booth areas. Oil range petroleum hydrocarbons were also detected near the dip tank. No BTEX compounds were detected in soil.

Of the tested soil parameters, only two samples from immediately adjacent to the dip tank exceeded MTCA soil cleanup criteria, containing oil range total petroleum hydrocarbons above Method A cleanup levels. Soil samples from near the dip tank also contained concentrations of ammonia and total Kjeldahl nitrogen, but there are no applicable MTCA cleanup criteria or background testing with which to compare the findings.

Groundwater samples from immediately adjacent to the dip tank (MW-2) and at the two spray booth areas (B-6 and B-7) contained PCP concentrations exceeding the MTCA Method B cleanup criteria of 0.73 ug/l. Other groundwater samples from monitoring wells and a boring surrounding the dip tank (MW-1, MW-3 and MW-4, B-5) did not contain PCP concentrations above MTCA cleanup standards. Of these, only one out of three samples that were taken from monitoring well MW-1 contained any detectable PCP, at a concentration below the MTCA Method B cleanup level.

The initial sample from the monitoring well adjacent to the dip tank (MW-2) contained a low but detectable concentration of benzene (3.8 ug/l). The reported concentration is below the MTCA Method A groundwater cleanup criteria. This monitoring well showed evidence of free-phase petroleum after it had been installed for several weeks.

At the completion of CDM's investigations, the findings suggested a limited amount of soil cleanup would be needed as part of the facility closure, to manage free-phase petroleum and concentrations of oil-range petroleum hydrocarbons in soil near the dip tank. Groundwater samples indicated the potential for groundwater impacts in the immediate vicinity of the PCP spray areas and dip tank.

3.0 ANTICIPATED SCOPE OF WORK

As part of Portac's lease with the Port of Tacoma, a scope of work was agreed upon for site demolition and removal of tenant improvements. The agreement includes terms requiring Portac to conduct an environmental assessment and pay the expense of performing all remediation. The intent was to restore the site to a useable condition for temporary vehicle storage. In the future, the Port anticipates developing part of the property as a rail yard.

As part of the demolition Portac was to remove all concrete floor slabs and footings from the buildings, remove the dip tank, and restore the site grade using crushed concrete or gravel. Portac voluntarily undertook cleanup actions in areas identified by the environmental site assessment and other conditions identified during the demolition of the structures.

Portac selected Nuprecon LP as the demolition contractor to conduct demolition and cleanup activities on the site. WES oversaw and documented the removal of the dip tank; excavation of soils at the dip tank and PCP spray booth areas and excavation of the hydraulic equipment area. WES obtained soil samples from the work areas to evaluate compliance with Model Toxics Control Act (MTCA) cleanup criteria. As part of the cleanup actions WES also sampled stockpiles for waste characterization; drilled two soil borings, installed two monitoring wells, sampled groundwater and conducted a leveling survey to determine the relative elevations of the top of all of the on-site monitoring wells. Following the cleanup work, additional site investigation was conducted to evaluate the final conditions of these areas and other potential sources of contaminants at the site.

Model Toxics Control Act (MTCA) Method A and Method B unrestricted land use cleanup levels were selected as the appropriate cleanup criteria for soil, and indicator hazardous substances were identified at the beginning of cleanup work. Method C cleanup levels for industrial properties may be appropriate, if future uses will meet the Department of Ecology's definition of industrial properties.

3.1 Selection of Indicator Hazardous Substances

In order to limit the laboratory testing required to document cleanup, it is common to establish a set of indicator hazardous substances. Indicator substances are typically those contaminants of concern with the most restrictive cleanup levels or having the most widespread occurrence; controlling factors in the cleanup. In general, if a site is cleaned up to the degree that indicator hazardous substances meet cleanup criteria, other less significant parameters of concern can also be expected to meet cleanup goals.

CDM's site assessment and observations during the demolition identified potential contaminants on the Portac site to be oil range total petroleum hydrocarbons and wood treatment chemicals. Total petroleum hydrocarbons have well established cleanup levels under Washington regulations and were selected as indicator hazardous substances. Fractionation testing and an analysis for semi-volatile organic compounds was conducted on a sample to allow calculation of Method B and Method C soil cleanup levels for the site specific petroleum mixture.

The primary wood treatment compound of concern was identified as pentachlorophenol (PCP), used in the dip tank and spray booths. Washington State has established Method B and Method C soil cleanup levels for PCP, based on an Environmental Protection Agency (EPA) accepted oral reference dose of 0.03 mg/kg/day. Pentachlorophenol was selected as an indicator hazardous substance for all of the wood treatment areas of concern. Dioxins and furans are potential byproducts associated with pentachlorophenol that have very restrictive cleanup criteria under MTCA. Dioxins and furans were selected as indicator hazardous substances for areas where PCP was used.

Portac also used another sap stain control chemical in the dip tank, identified as Kop-Coat NP-1. The active ingredients in NP-1 are didecyl dimethyl ammonium chloride (DDAC) (CAS No. 7173-51-5) and 3-iodo-2-propynyl butyl carbamate (IPBC) (CAS No. 55406-53-6), making up about 65 percent and 8 percent of the undiluted product, respectively. Currently, there is only limited toxicology data for these compounds (EPA, 2006, 1997). EPA Office of Pesticide Programs classifies both DDAC and IPBC as compounds not likely to be carcinogens to humans. For pesticide re-registration, EPA established an oral reference dose of 0.1 mg/kg/day for DDAC, but that conclusion has not been included in EPA Integrated Risk Information System (IRIS) database.

If the pesticide registration reference dose for DDAC is accepted and used to set a Washington MTCA soil cleanup level under the MTCA cleanup regulation (WAC 173-340-740), the resulting non-carcinogenic cleanup level would be calculated as 8,000 mg/kg.

No similar reference dose could be identified from the literature for IPBC.

The EPA has developed no observed adverse effect levels (NOAEL) of 10 mg/kg/day and 20 mg/kg/day for DDAC and IPBC, respectively. These are higher than the NOAEL for pentachlorophenol (3 mg/kg/day), so if cleanup levels could be established, they would likely be an order of magnitude higher than that for PCP. Based on these factors, DDAC and IPBC were rejected as potential indicator hazardous substances.

The active ingredients in NP-1 are also reportedly difficult to analyze for and local environmental laboratories do not routinely conduct the testing. This suggests testing would not be useful as a field screening tool to identify areas requiring cleanup.

Table 1 identifies the selected indicator hazardous substances and Model Toxics Control Act (MTCA) soil and groundwater cleanup criteria.

**TABLE 1
Indicator Hazardous Substances and MTCA Cleanup Criteria
Portac, Inc. Site**

	Indicator Hazardous Substance		
	Oil Range Total Petroleum Hydrocarbons	Pentachlorophenol	Dioxins/Furans
MTCA Soil Cleanup Criteria (mg/kg)			
Method A	2,000	N/A	N/A
Method B ¹	8,803*	8.3	TTEC = 0.000011
Method C ¹	105,482*	1,100	TTEC = 0.0015
MTCA Groundwater Cleanup Criteria (ug/l)			
Method A	500	N/A	N/A
Method B ¹	NC	0.73	NC
Method C ¹	NC	7.3	NC

Table 1 Notes:

N/A - No applicable Method A cleanup criteria

NC - Not Calculated

¹ - MTCA Method B or C Standard Formula Value

* - Cleanup Level for the site specific petroleum mixture, calculated using Dept. of Ecology's Workbook Tools for Calculating Soil and Ground Water Cleanup Levels under the MTCA Cleanup Regulation (MTCATPH 11.1).

TTEC = Total toxicity equivalent concentration for dioxin/furan mixture expressed as a an equivalent to 2,3,7,8 TCDD.

As discussed below, testing was not limited to these indicator hazardous substances during the investigation and cleanup activities. Additional testing was conducted for other suspected contaminants as part of the documentation of the site conditions and waste disposal characterization. Tables 2 through 13 summarize the laboratory analyses conducted during the investigation and cleanup activities at the site.

4.0 DIP TANK REMOVAL AND CLEANUP ACTIVITIES

The dip tank cleanup was conducted beginning on September 15th, 2008, using a trackhoe. Photographs of the dip tank removal and excavation of soil are included in Appendix A. Initially, the concrete slabs from the former building were removed from around the tank, and two test pits were excavated. The pits were dug on the north and south sides of the tank to evaluate soil and groundwater conditions. The pits were dug to a depth of eight to eleven feet and allowed to stand

open over night to check for the presence of groundwater. No groundwater infiltrated into either of the test pits. However, strong chemical odors were detected in some of the exposed soil. Based on the odors, Nuprecon established an exclusion area around the work area and conducted the removal and cleanup under appropriate health and safety restrictions for site personnel.

To conduct the removal, Nuprecon excavated soil from around the dip tank, stockpiling all excavated soil in a secured area on visquene. Some areas of the excavation were found to have discolored soil and strong chemical odors. Figures 5 through 8 show the progression of digging and sampling in the dip tank area over the period of September 16th-24th.

Digging began near the southeastern corner of the tank and immediately encountered discolored soil evidencing strong odors and an oily sheen. The area was excavated to a depth of approximately 18 feet, encountering soil with chemical odors throughout much of the excavated depth, although soil discoloration was limited. The digging encountered approximately six feet of silty fine sand fill, overlying a former asphalt layer and topsoil horizon. Below this was similar relatively fine grained sand and sandy silt that was brownish gray in color and contained traces of organic material. The soil below the asphalt layer was considered to be native tideflats material. Digging extended to a depth well below the groundwater level measured in the surrounding monitoring wells. Slow groundwater seepage occurred during digging, but typically took hours or overnight to accumulate any significant volume.

Near the western end of the tank, the digging encountered a 10" diameter water line for the former fire suppression system and a smaller domestic water line at a depth of about five feet, which temporarily limited the extent of excavation.

Once the tank was freed from the surrounding soil it was lifted from the hole. The tank was found to be resting on an insulated concrete slab and had small concrete and steel foundations at each end, which had formerly supported the hydraulic lift rack that lowered lumber into the tank. The concrete surrounded the 10" water line and required great care to prevent damage. At times in the digging, portions of the water line were unsupported, but the digging was completed without damage.

Beneath the tank slab, digging removed significantly discolored soil with strong chemical odors. As digging proceeded to the west, the soil began to show increasing indications of oil staining and less apparent chemical odor. The oil appeared to be concentrated near the western end of the tank, where the hydraulic lift equipment had been located. In this area the soil appeared saturated with oil and some seepage of liquid oil was observed. Digging was extended to the north and west until no further discoloration or oil staining was encountered. Digging removed monitoring well MW-2 adjacent to the northwestern side of the tank.

Soil samples of the sidewall and base were collected at the full extent of the excavation each day as the work continued. The approximate sample locations are indicated in Figures 5 through 8. The sample analyses were conducted with a 48-hour turn-around, so that results were available to direct additional digging. Additional excavation and sampling was based on the sample results and observations of the conditions in the pit.

As digging continued, the discoloration and odors in the sidewalls and base were eliminated. Figure 8 shows the approximate final dimensions of the excavation and all sample locations. At

the full extent of digging, the excavation removed approximately 1,130 tons of soil that was stockpiled for disposal.

4.1 Groundwater Management

During the excavation, minor amounts of groundwater seepage were encountered. After allowing to stand, accumulated groundwater was removed from the pit on four occasions. A total of 3,350 gallons of water were removed over the course of the excavation. The water was collected by Marine Vacuum, Inc. (MarVac), using a vacuum truck. The water was tested by MarVac for acceptance criteria, then pre-treated at MarVac's facility in Seattle, Washington. After treatment the water was again tested and finally, discharged to the Metro wastewater treatment system. Truck tickets documenting the removal are included in Appendix C.

4.2 Soil Sampling During Excavation

Samples of the sidewalls and base of the excavation were taken to evaluate progress and demonstrate the final condition of the work area. Sample locations were selected from areas where excavation was expected to be complete, with no visual indications of discoloration or notable chemical odors. A total of 18 samples were obtained from the excavation base and sidewalls between September 16th and 24th. The sample analyses were conducted with a 48-hour turn-around, so that results were available to direct additional digging. Based on the sample results, additional excavation was conducted and if necessary, the areas re-sampled.

All soil samples were taken following appropriate environmental sampling protocols. Discrete samples were obtained using the trackhoe bucket, within six inches of the exposed base or sidewall surface, and were placed in laboratory-prepared glass containers with teflon-lined lids, completely filled to minimize voids. The sample locations and analytical results are summarized in Table 2. The sample locations are shown in Figures 5 through 8.

In addition, initial samples were taken from the stockpiled waste soil for disposal characterization. Stockpile samples were obtained by digging at least one foot into the side or top of the stockpile to expose fresh material. Some stockpile samples represent composites of the waste after the soils had been arranged into windrows for better management. Each waste composite represents a laboratory prepared equal-weight composite of three samples from a limited area of the windrows.

After collection, the samples were labeled, chilled and transported under chain-of-custody to an accredited subcontractor laboratory on the same day they were obtained.

4.3 Laboratory Analytical Testing

The initial soil samples were submitted to TestAmerica Laboratories, Inc., in Tacoma, Washington. Some of the final waste characterization samples were submitted to Friedman & Bruya, Inc., of Seattle, Washington. For this project, excavation samples were analyzed for the total concentrations of pentachlorophenol using EPA Method 8270C, a GC/MS technique for semi-volatile organic compounds, and/or Total Petroleum Hydrocarbons in the diesel and oil ranges by Washington accepted method NWTPH-D(x). One waste characterization sample was subjected to analysis of a full suite of 66 semi-volatile aromatic compounds commonly detectable with EPA Method 8270C; as well as the concentrations of arsenic and chromium by EPA Method 200.8. Another sample was tested for dioxins and furans by EPA Method 8280A. All laboratory testing was conducted with reporting limits suitable for comparison with regulatory criteria.

The laboratory reports of analytical results are included in Appendix B. All laboratory quality assurance/quality control data is included and meets the analytical requirements of this assessment.

4.3.1 Excavation Sample Analytical Results

Progress samples from the excavation sidewalls and base found residual concentrations of pentachlorophenol and oil range petroleum hydrocarbons during digging. Based on observations and progress sampling, PCP contaminated soil was mostly concentrated at the eastern end of the dip tank. According to Mr. Terry Mathern of Portac, lumber was always aligned at the eastern end of the tank, so the potential for drips and splashing was much greater at that end.

PCP concentrations of 7.3 mg/kg were detected in the south sidewall (Sample DT-SSW-9) and 6.0 mg/kg in the base near the southeastern corner (Sample DT-SE Base-18). These areas also evidenced chemical odors and were subsequently excavated further and sampled again. At the end of digging on September 24th, twelve final compliance samples from all areas of the excavation met MTCA Method B soil cleanup criteria for PCP. Three final compliance samples contained residual PCP concentrations (Sample DT-NSW-Center-12 at 0.15 mg/kg, Sample DT-NSW-10'EFL-12 at 1.6 mg/kg and Sample DT-NSW-10'W-11 at 0.31 mg/kg), all below the MTCA Method B soil cleanup criteria of 8.3 mg/kg.

Total petroleum hydrocarbons were found mostly near the western end of the tank, where the hydraulic equipment was located. According to Mr. Mathern, the hydraulic system leaked and had occasional spills from broken hoses. Soil at this end of the excavation was heavily stained and could be readily identified and segregated. During digging, only one sample from the western end of the excavation was considered a progress sample, containing 3,000 mg/kg of total petroleum hydrocarbons. The area was excavated further and sampled again. At the end of digging on September 24th, eleven final compliance samples from all areas of the excavation met the 2,000 mg/kg MTCA Method A soil cleanup criteria for oil range total petroleum hydrocarbons. Only one sample (DT-NSW-10'EFL-12) contained detectable oil range petroleum hydrocarbons; at a concentration of 800 mg/kg.

In Table 1, analytical results which exceed MTCA cleanup criteria are identified in bold italic. Samples which represent soil that was removed by later digging are identified by shading.

4.3.2 Stockpile Sample Analytical Results

Initially, five samples were taken from the stockpile of excavated soil, as it was placed. The samples were analyzed for PCP. One sample was analyzed for diesel and oil range total petroleum hydrocarbons. The analytical results are summarized in Table 3. The reported PCP concentrations ranged from less than detectable, up to 14 mg/kg. The reported oil range hydrocarbons concentration was 32,000. The reported PCP concentrations exceeded dangerous waste characterization standards under state and federal regulations, indicating the material would need to be managed as a hazardous waste, with a designation code of F032. Since no Washington State treatment or disposal facility is available to manage this type of waste, federal regulations guide the transportation and disposal at an out-of state facility. Under Federal regulations in 40 CFR 268.48, the Universal Treatment Standard (UTS) for PCP is 7.3 mg/kg. The allowable Land Disposal Concentration for Remediation Soil per 40 CFR 268.49 is 73 mg/kg. Concentrations exceeding 73 mg/kg would require treatment before final disposal.

To better evaluate the bulk concentration of PCP in the waste, the stockpile was divided and placed in four long windrows adjacent to the original stockpile. Each windrow was then divided into segments for additional sampling. A total of 39 discrete samples were taken from the windrows, for laboratory compositing. At the laboratory, equal weight composites were made, consisting of three to four discrete samples from each segment of the pile. Ten resulting composites were analyzed for PCP. The results are summarized in Table 3. The composite samples of waste were found to contain PCP concentrations ranging from 13 to 29 mg/kg.

To complete characterization, additional testing was conducted for all of the parameters regulated by the F032 waste designation code. Sample Comp 8, with the highest reported PCP concentration, was selected for analysis of 66 different semi-volatile organic compounds, arsenic, and chromium. In addition one new composite was collected from the stockpile (Comp 11) for dioxin testing. The analytical results are summarized in Table 4. Based on the characterization, the material was accepted for disposal at the U.S. Ecology landfill in Grand View, Idaho.

4.4 Waste Disposal

Beginning on November 26th, 2008, a total of 1,130.38 tons of waste were loaded to trucks and hauled to the U.S. Ecology landfill under manifest. Copies of the waste manifests, truck weight tickets and certificates of disposal documenting the disposal are included in Appendix C of this report. All of the waste was removed from the site by December 9th, 2008, and reached the landfill by December 10th.

4.5 Restoration

After final confirmation testing was complete, the excavation was backfilled using site soil and crushed concrete, compacted in lifts. Crushed concrete was limited to within approximately five feet of the ground surface to avoid contact with any site groundwater. No further soil removal is anticipated in this area.

5.0 PENTACHLOROPHENOL SPRAY BOOTH AREAS

CDM's site assessment indicated a potential for groundwater impacts at the two PCP spray booths they investigated at the sawmill and planer buildings. However, the work was completed using temporary Geoprobos, so no further groundwater samples could be obtained to continue monitoring. WES recommended installing groundwater monitoring wells at the locations as part of the environmental compliance efforts during the closure.

5.1 Drilling and Monitoring Well Installation

WES subcontracted Holocene Drilling Inc. to drill soil borings and install 2" diameter PVC monitoring wells to intersect the first encountered groundwater horizon. The selected locations are indicated on Figures 10 and 11, showing the sawmill and planer building spray booth areas, respectively. The wells were identified as MW-5 and MW-6, to continue the numbering system of the previous wells installed by CDM. Soil boring logs are included in Appendix D.

Each boring was drilled using hollow-stem auger that had been decontaminated prior to each use. Soil samples were taken using split-spoon samplers driven at five foot intervals throughout the depth drilled. All sampling tools were washed prior to each sampling attempt. WES observed the samples for any indications of contamination such as debris, oil-staining, odors or discoloration of the soil. Representative portions of each sample were placed in laboratory prepared glass jars with teflon-lined lids, chilled and held under chain-of-custody, following appropriate environmental sampling procedures. All soil samples were held for potential laboratory testing, but were not analyzed.

Upon completion of each borehole, a 2-inch diameter Schedule 40 PVC monitoring well was installed. The wells consisted of eight feet of factory cleaned, slotted well screen flush-threaded to PVC riser pipe. The screens were positioned to intersect the groundwater level observed during drilling. The screens were surrounded by a silica sand filter media to a level above the top of the screened interval, then the remaining boreholes were backfilled with bentonite chips to within two feet of the ground surface. A steel monument was installed at the ground surface to protect the top of the well pipe. A monitoring well construction diagram is included on each of the boring logs in Appendix A.

5.2 Well Development and Sampling

The wells were developed to remove sediment and increase hydrogeologic communication with the surrounding water-bearing zone. Each well was surged to loosen sediment and purged of at least 15 gallons of water, or more than 10 volumes of the water column measured in the well.

After development, another three volumes of water were purged and a sample was obtained using a low-flow peristaltic pump and new polyethylene tubing. The samples were placed in laboratory prepared bottles, labeled, chilled and held under chain-of-custody until delivered to the laboratory on the same day. However, the two samples were improperly identified on the labels and chain of custody. The sample identified as MW-6 was obtained from monitoring well MW-5, at the planer building. The sample identified as MW-7 was obtained from monitoring well MW-6 at the sawmill building. The correct sample locations have been noted in Table 5.

5.3 Groundwater Sample Laboratory Analyses

The groundwater samples were submitted to Friedman & Bruya, Inc., for testing. The samples were analyzed for pentachlorophenol by EPA Method 8270C. The results of the analyses and applicable Washington State cleanup levels for groundwater and surface water are summarized in Table 5. Laboratory reports of the analytical results are included in Appendix B.

5.3.1 Groundwater Sample Analytical Results

Both of the groundwater samples contained pentachlorophenol at concentrations exceeding MTCA Method B cleanup criteria. The sample from monitoring well MW-5 at the planer building contained 180 ug/l of PCP. The sample from MW-6, at the sawmill, contained 1,600 ug/l. The MTCA Method B cleanup criteria for groundwater is 0.73 ug/l. The results suggested the two areas were sources of pentachlorophenol contamination to groundwater.

5.4 Sawmill Spray Booth Area Investigation

Based on the groundwater monitoring results, the sawmill spray booth area was excavated to remove potential PCP contaminated soil. The excavation was conducted on November 6th, 2008, by Nuprecon, using a trackhoe. The excavated soil was stockpiled on visquene adjacent to the pit, and covered, pending testing.

The extent of excavation and location of confirmation soil samples are shown in Figure 9. The excavated area was approximately 25 feet by 30 feet in dimension, dug to a depth of 10 to 11 feet. Photographs of the excavated area are included in Appendix A. Monitoring well MW-6 was destroyed by the excavation, since it was located in the suspected source area. Some shallow soils uncovered in the initial stages of the digging appeared slightly discolored, but there were no notable chemical odors or other field detectable indications of contamination below a depth of about three feet.

5.4.1 Sawmill Spray Booth Excavation Sampling and Analysis

Six soil samples were taken from representative locations in the sidewalls and base of the excavation. Five additional samples were taken from the stockpiled soil. The samples were submitted to Friedman & Bruya for PCP analysis. Table 6 summarizes the sampling and analytical results. PCP was not detected in any of the samples from the excavation or stockpile at a reporting limit of 3 mg/kg.

Based on the findings, the excavated area and stockpile met MTCA soil cleanup criteria and there was no reason to designate the stockpile as dangerous or solid waste.

5.4.2 Groundwater Management

Slow groundwater seepage was noted in the lower part of the excavation. During the time the pit was open there were two days of heavy rain, so mixed groundwater and precipitation accumulated in the excavation. A total of approximately 3,750 gallons of water was removed by MarVac for pre-treatment and disposal, using a vacuum truck.

5.4.3 Restoration

After the water was removed, the excavated soil was returned to the pit and compacted. The area was surfaced with a layer of crushed concrete, comparable to the surrounding areas. No further soil removal is anticipated in this area.

5.5 Sawmill Edger Spray Booth Test Pit

As part of the investigation in the sawmill building, WES excavated a test pit at the former location of the edger spray booth, in the western end of the mill building. The location was identified by Mr. George Drager of Portac, after the concrete building floor slabs had been removed. At that time there were still many visible features of the mill to adequately identify the location for testing. On November 6th, 2008, WES directed the trackhoe to scrape the surface of an approximately 15' x 15' area, in an attempt to identify any soil discoloration or odors. There were no field recognizable indications of soil contamination. The trackhoe was then used to dig a test pit to a depth of about three and a half feet at the location identified by Mr. Drager. A soil sample was obtained from the test pit, for laboratory analysis of PCP. The sample contained no detectable PCP concentrations. The sample results are summarized in Table 6. The laboratory report is included in Appendix B. No further action is anticipated in this area.

5.6 Planer Spray Booth Investigation and Cleanup

Based on the groundwater monitoring at the planer building, WES conducted a series of four test pits in the area surrounding monitoring well MW-5 on November 6th, 2008. The planer test pits were dug in an attempt to identify any soil discoloration or odors and sample soil from the area of the former spray booth. The test pit locations are shown in Figure 10, identified as PTP-1 through PTP-4.

The pits were excavated using a track hoe and extended to depths of three to six feet below the ground surface. There were no field detectable odors or evidence of soil discoloration in any of the test pits. Soil samples were obtained from the base of each pit, and a sidewall sample was obtained from PTP-1, located about 15 feet to the southwest of MW-5. The sample locations and analytical results are summarized in Table 6.

Both the sidewall and base samples from PTP-1 contained detectable concentrations of PCP, at reported concentrations of 6.1 and 16 mg/kg, respectively. None of the other test pit samples contained detectable PCP concentrations. The reported PCP concentration in the base sample, from a depth of five feet below the ground surface, exceeded the MTCA Method B soil cleanup criteria for PCP and based on this finding, additional excavation was conducted in the PTP-1 area.

Three phases of additional excavation and progress sampling were conducted, on November 12th, 17th and 21st. During the first and second phases, progress sampling continued to find some areas that evidenced PCP concentrations above the MTCA Method B cleanup level of 8.4 mg/kg. The excavation was extended to a depth of at least seven feet, and encountered large pieces of native wood and other organic material. Samples from the base of the digging did not contain detectable PCP, but sidewall samples taken on November 12th and 17th each showed the cleanup area needed to be expanded. Of nine samples taken on the 12th and 17th, four evidenced PCP concentrations exceeding MTCA Method B cleanup criteria. These samples were from the east, west and south sidewalls of the digging. All of these areas were excavated further on November 21st. Sampling conducted after the third phase of excavation found no further detectable PCP concentrations in any of the final excavation samples.

After confirmation testing, the area was backfilled using crushed concrete from the former building foundations. No further soil removal is anticipated in this area.

5.5.1 Planer Area Soil Disposal

The digging generated a pile of approximately 128.11 tons of soil which was stockpiled on visquene pending disposal characterization. Three samples of the stockpile were obtained and were analyzed for semi-volatile organic compounds, diesel and oil range TPH, and the total concentrations of eight metals; arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver. The laboratory analyses are summarized in Table 7. The testing found low but detectable concentrations of PCP, ranging from 3.7 to 5.2 mg/kg, with no other detectable semi-volatile compounds. There were no total metals concentrations exceeding MTCA cleanup criteria or detectable petroleum hydrocarbons. Based on the results, TPCHD approved disposal of the soil at the LRI landfill in Graham, Washington. A copy of Waste Disposal Authorization No. 1286 and the truck disposal weight tickets are included in Appendix C.

6.0 SAWMILL HYDRAULIC EQUIPMENT AREA CLEANUP

During demolition of the sawmill, soil stained with petroleum was encountered. The area was in the northeastern corner of the building, where two former hydraulic equipment rooms had been located. These rooms held the main hydraulic pumps that operated most of the equipment in the mill. Reportedly, there were several large spills related to the pumps and hydraulic lines over the life of the mill. The spills were on concrete floors and were cleaned up promptly. However, petroleum contaminated soil was encountered beneath the former concrete floor slabs.

When initially encountered, WES evaluated the area with a series of test pits excavated with a trackhoe. Later, the area was excavated and the waste soil was disposed.

6.1 Hydraulic Equipment Area Test Pits

On October 22nd, 2008, WES observed the excavation of eight test pits in and around the area where the hydraulic equipment had been located. The locations of the test pits are shown in Figure 11, identified as TP-1 through TP-8. Soil samples were obtained from each pit for potential laboratory analyses.

The test pits were dug to depths of three to six feet below the ground surface. Very oily soil, showing discoloration and a strong oil sheen was encountered in three of the pits. Other locations found moderately or slightly impacted soil. In all cases, the oily material appeared limited in depth by an underlying layer of gray, silty and clayey soil found at a depth ranging from four to six feet.

Samples from seven of the eight test pits were selected for laboratory testing. Table 8 summarizes the sampling and analytical results. The samples were each analyzed for diesel and oil range TPH by Washington Method NWTPH-D(x). Two samples were analyzed for PCBs by EPA Method 8080. Three samples were analyzed for the Toxicity Characteristic Leaching Procedure (TCLP) for the leachable concentrations of arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver, for waste characterization.

The testing found oil range TPH exceeding MTCA Method A cleanup criteria in the samples from test pits TP-2, TP-5 and TP-6, at concentrations up to 48,000 mg/kg. The data was submitted to TPCHD with an application for waste disposal authorization. TPCHD approved the material for disposal at the LRI landfill in Graham, Washington under WDA No. 1278.

6.2 Hydraulic Equipment Area Excavation

Beginning on November 11th, 2008, WES observed and directed the excavation of the hydraulic equipment area. Excavation began at the former eastern building line, where footings had already been removed, extending westward. The excavation extended northward to the former building line. Figure 10 shows the final dimensions of the excavated area.

The digging extended to depths of four to six feet below the ground surface in most areas and encountered the top of the pilings that had supported the former building. The excavation found heavily stained, oily soil, which was temporarily stockpiled adjacent to the digging, then loaded to trucks for disposal. The soil appeared to be dredge spoil fill that may have been hydraulically placed, with visible layering of well sorted sand and siltier zones. The base of the excavation was

in a gray clayey fill layer that was found to overly organic material and a former topsoil horizon. The clayey soil appeared to be a consistent lower boundary of the impacted soil zone.

Soil samples of the sidewall and base were collected at the full extent of the excavation each day as the work continued. The approximate sample locations are summarized in Table 9 and indicated in Figure 11. A grid was established in the work area for sampling purposes, using the former northeastern corner of the building as an origin. Sample IDs note the distance south and west from the origin, and the approximate depth of the sample below the former ground surface, i.e. Base 10S/48W - 4'. A total of 27 samples were taken from the excavation.

The sample analyses were conducted with a 24-hour turn-around, so that results were available to direct additional digging. Additional excavation and sampling was based on the sample results and observations of the conditions in the pit. Of the 27 samples, eight were considered progress samples, in areas that were excavated further and tested again.

As digging continued, the staining and sheen in the sidewalls and base were eliminated. At the full extent of digging, the excavation removed approximately 744.59 tons of soil. Truck weight tickets documenting the disposal at LRI are included in Appendix C.

6.3 Hydraulic Equipment Area Laboratory Testing

The hydraulic area soil samples were submitted to Friedman & Bruya, Inc., for testing. All excavation samples were analyzed for the Total Petroleum Hydrocarbons in the diesel and oil ranges by Washington accepted method NWTPH-D(x). One sample was selected for further testing to allow calculation of the Method B and Method C cleanup levels for the site specific petroleum mixture. The sample was subjected to a petroleum fractionation test (extractable petroleum hydrocarbons (EPH) analysis, as well as testing for naphthalenes and carcinogenic polynuclear aromatic hydrocarbons (cPAHs) by EPA Method 8270C. All laboratory testing was conducted with reporting limits suitable for comparison with regulatory criteria. The laboratory reports of analytical results are included in Appendix B. All laboratory quality assurance/quality control data is included and meets the analytical requirements of this assessment.

6.4 Soil Sample Analytical Results

At the end of digging on November 21st, 19 final compliance samples from all areas of the excavation met MTCA Method A soil cleanup criteria for TPH, having no detectable diesel or oil range petroleum hydrocarbons.

6.5 Calculation of Method B and C Soil Cleanup Levels

The EPH and cPAH data was entered into the Department of Ecology's *Workbook Tool for Calculating Soil and Ground Water Cleanup Levels under the Model Toxics Control Act Regulation* (MTCATPH 11.1). The workbook data entry page and calculation summary are included in Appendix E. The workbook indicates that for the site specific petroleum mixture, a Method B soil cleanup level of 8,803 mg/kg meets MTCA cleanup standards for unrestricted land use, as sufficiently protective of human health and the environment. If the site will in the future have the institutional controls and land uses meeting Ecology's definitions of industrial property, a Method C cleanup level of 105,842 mg/kg would meet MTCA cleanup standards. Based on the results of the final compliance testing and calculation of alternate cleanup levels, no further cleanup is anticipated in the hydraulic equipment area.

6.6 Stormwater Management

There were several heavy storm events during the excavation of the hydraulic equipment area and water accumulated in the excavation. There was no apparent groundwater seepage into the digging at any time. Before the excavation was backfilled, MarVac removed approximately 6,250 gallons of accumulated water on November 14th, 2008. The water was treated and disposed. Truck tickets documenting the removal are included in Appendix C.

6.7 Restoration

After final confirmation testing was complete, the excavation was backfilled using site soil and crushed concrete, compacted in lifts. The area was surfaced with a layer of crushed concrete, comparable to the surrounding areas. No further soil removal is anticipated in this area.

7.0 POST-CLEANUP SITE INVESTIGATION

After completion of the remedial actions at the Portac site, WES conducted additional site investigation activities. These included:

- Drilling and sampling soils from two locations in the former machine shop area, two locations in the former aboveground fuel tank area, one location in the former dip tank area and one location adjacent to the former Drop 4 spray booth at the sawmill building;
- Installing monitoring wells to replace wells MW-2 and MW-6, that had been destroyed by site excavations;
- Sampling groundwater from a total of seven monitoring wells on the property, including wells at the former dip tank area (MW-1, MW-2R, MW-3 and MW-4); the former planer building (MW-5), former sawmill spray booth (MW-6R) and a recently discovered monitoring well remaining from previous hydrogeologic studies of the site conducted in 1988, before construction of the logyard cap (B-5R).
- Sampling shallow soils from six randomly selected locations on the property to analyze for concentrations of lead and arsenic from arsenic-laden slag or area-wide airborne contamination from the historical Ruston Asarco smelter.
- Analyzing soil and groundwater samples for a variety of parameters, based on the suspected contaminants of concern present at each sampling location.

7.1 Drilling and Soil Sampling

WES subcontracted Holocene Drilling Inc. to drill six soil borings and obtain soil samples for subsequent analyses. The selected locations are indicated in Figure 12, showing the sawmill portion of the site. Soil boring logs are included in Appendix D.

The boring locations were selected to evaluate the final conditions in the area of the dip tank (MW-2R), the sawmill spray booth area (MW-6R), machine shop (SH-1 and SH-2) and fueling area (FA-

1 and FA-2). Borings MW-2R and MW-6R were drilled to depths of 16.5 feet in order to install replacement monitoring wells for those destroyed by excavations during the cleanup. Borings in the machine shop and fueling area were each extended to a depth of nine feet, to obtain soil samples at or near the groundwater interface.

Each boring was drilled using hollow-stem auger that had been decontaminated prior to each use. Soil samples were taken using three-inch diameter split-spoon samplers driven at two and a half foot intervals throughout the depth drilled. All sampling tools were washed prior to each sampling attempt. WES observed the samples for any indications of contamination such as debris, oil-staining, odors or discoloration of the soil. Representative portions of each sample were placed in laboratory prepared glass jars with teflon-lined lids, chilled and held under chain-of-custody, following appropriate environmental sampling procedures. Selected samples were submitted to Friedman & Bruya, Inc., for laboratory testing. Friedman & Bruya subcontracted dioxin analyses to Pace Analytical, Inc., a laboratory accredited by Washington State for that testing.

During drilling, there were no field detectable indications of contaminants, such as odors, staining, discoloration or sheens on any soil sample or drill cuttings, with the exception of a limited zone about three inches thick in the shallowest sample from boring FA-1. This sample was selected for laboratory testing.

Samples from other borings were selected from the depths most likely to have been impacted by past site activities. In borings MW-2R and MW-6R, soil samples were selected from near the groundwater interface, to test for pentachlorophenol by EPA Method 8270SIM and dioxins/furans by EPA Method 8290. A shallow sample from MW-6R was also selected to analyze for arsenic and lead as part of the random site-wide testing.

In borings FA-1 and SH-1, shallow samples were selected for analyses, representing areas where surface water run-off would have been most likely to collect contaminants from work areas. Samples from a depth of 2.5 feet were selected for testing of total petroleum hydrocarbons in the gasoline, diesel and motor oil ranges by methods NWTPH-G and NWTPH-D(extended). The sample selected from FA-1 was also tested for fuel related volatile compounds benzene, toluene, ethylbenzene and xylenes. The sample from SH-1 was tested for a wide range of volatile organic compounds by EPA Method 8260C, lead and arsenic.

In borings FA-2 and SH-2 samples from the groundwater interface were selected to evaluate whether or not any soil contaminants had migrated from potential source areas to reach groundwater. The samples from a depth of 7.5 feet were analyzed for total petroleum hydrocarbons in the gasoline, diesel and motor oil ranges. The sample selected from FA-2 was also tested for fuel related volatile compounds benzene, toluene, ethylbenzene and xylenes. The sample from SH-2 was tested for a wide range of volatile organic compounds by EPA Method 8260C.

In addition to the drilled borings, four surface locations were randomly selected for sampling to analyze for site-wide arsenic and lead. The samples were hand dug at locations where pavement had been disturbed or subgrade soils were exposed. The samples were taken from depths of six to 18 inches below the surface, and below any recently placed fill related to the demolition of site buildings. Two locations were selected near the former planer building (PLSS-1 and PLSS-2); one

location near the eastern end of the former mill building (E. MILL); and one location near the former office (Office-1). These samples were analyzed for total concentrations of arsenic and lead.

7.2 Monitoring Well Installation

Upon completion of boreholes MW-2R and MW-6R, 2-inch diameter Schedule 40 PVC monitoring wells were installed. The wells consisted of nine to ten feet of factory cleaned, slotted well screen flush-threaded to PVC riser pipe. The screens were positioned to intersect the groundwater level observed during drilling. The screens were surrounded by a silica sand filter media to a level above the top of the screened interval, then the remaining boreholes were backfilled with bentonite chips to within two feet of the ground surface. A steel monument was installed at the ground surface to protect the top of the well pipe. A monitoring well construction diagram is included on the boring logs in Appendix D.

In addition to the new monitoring wells, well B-5R was discovered during our site visits, remaining in place from the 1988 hydrogeologic investigations of the site. The well appeared functional and was measured to a depth of at least 17 feet below the ground surface. However, the protective monument on the well was broken and the top of the well pipe was not adequately sealed to prevent surface water infiltration. As part of this work, WES removed and replaced the former monument and the top section of well pipe from the monitoring well. The new well pipe was provided with a sealing plug. Although the well is functional, the new top of pipe elevation has been changed, so water elevation data from the 1988 hydrogeologic studies cannot be directly compared to current measurements.

7.3 Monitoring Well Development, Survey and Water Level Measurements

The new wells were developed to remove sediment and increase hydrogeologic communication with the surrounding water-bearing zone. The purge water was highly turbid at the beginning, but improved over the course of development. Monitoring well MW-2 remained moderately turbid throughout development, but improved from its initial condition. A total of approximately 25 to 40 gallons of purge water was removed from each well during development.

A leveling survey was conducted to determine the relative elevations of the top of pipe of all of the on-site monitoring wells. The top of monitoring well MW-4 was assigned an elevation of 100.00 for the purposes of this site investigation. Groundwater level measurements were taken relative to the top of pipe, to calculate the elevation of the groundwater surface at each location. Table 11 notes the relative elevations of the monitoring wells and summarizes groundwater level measurements taken in each well since September 2008.

7.4 Groundwater Sampling

Groundwater samples were obtained in three rounds of activities, beginning in March 2009. Initially, four monitoring wells were purged and sampled; wells MW-1, MW-3 and MW-4 in the former dip tank area, and MW-5 at the former planer spray booth area. These wells were purged on March 5th, 2009, using a low-flow peristaltic pump with dedicated polyethylene tubing to remove at least ten gallons of water from each well prior to sampling. Ten gallons represents approximately eight to ten well volumes from each sampled location. The wells were sampled following proper environmental sampling procedures using laboratory prepared bottles appropriate

for the planned analyses. The samples were immediately chilled and held under chain of custody until delivered to the laboratory of Friedman & Bruya, Inc. These samples were analyzed for a wide range of semi-volatile and volatile organic compounds, including pentachlorophenol and several organic solvents documented to be present in the NP-1 sapstain solution, which Portac used after discontinuing pentachlorophenol. The manufacturer's information for NP-1 indicates the undiluted product contained ethanol, dimethyl sulfoxide (DMSO), 1,2,4 trimethylbenzene and other petroleum distillates as minor constituents. These constituents were analyzed as potential indicators of releases on NP-1.

On April 7th, 2009, WES returned to the site to obtain additional samples from MW-1, MW-3 and MW-4, in the former dip tank area. The samples were taken for specific low-level analyses for pentachlorophenol at detection limits below Washington State cleanup criteria.

Monitoring wells MW-2R, MW-6R and B-5R were sampled on May 19th. The wells had been extensively developed a day earlier. Approximately six gallons of standing water was purged using low flow techniques immediately before sampling. The samples from wells MW-2R and MW-6R were each analyzed for pentachlorophenol and total concentrations of five regulated metals (arsenic, cadmium, chromium, lead and mercury). The sample from MW-6R was also analyzed for total petroleum hydrocarbons in the diesel and motor oil ranges. The groundwater sample from well B-5R was analyzed for a wide variety of volatile organic compounds, concentrations of arsenic, cadmium, chromium, lead and mercury, and total petroleum hydrocarbons in the gasoline, diesel and motor oil ranges. These parameters were selected due to the monitoring well's position downgradient from the former machine shop and fueling area.

7.5 Laboratory Analyses of Soil and Groundwater Samples

Tables 12 and 13, summarize the results of soil and groundwater analyses conducted for the post-cleanup site investigation, respectively. Laboratory analytical reports for this portion of the site work are included in Appendix F.

7.5.1 Soil Sample Analyses

Soil sample analyses did not detect concentrations of any tested parameter exceeding Washington Model Toxics Control Act cleanup criteria. The samples from MW-2R and MW-6R did not report detectable concentrations of pentachlorophenol above the laboratory's method detection limit of 0.019 mg/kg. Analyses of these samples for dioxins and furans detected concentrations of 1,2,3,4,6,7,8,9-octochloro-dibenzo-p-dioxin, at concentrations of 4.0 and 3.4 ng/kg (units equivalent to parts per trillion). The sample from MW-6R also contained 2,3,4,6,7,8-hexachloro-dibenzofuran (0.06 ng/kg) and possible detections of 0.46 ng/kg of 1,2,3,4,6,7,8-heptochloro-dibenzo-p-dioxin and 0.4 ng/kg of 1,2,3,4,6,7,8,9-octochloro-dibenzofuran.

The reported dioxin and furan concentrations are used to calculate the total toxicity equivalency concentration (TTEC) of the mixture, compared to 2,3,7,8 tetrachloro dibenzo-p-dioxin. The calculation assigns a toxicity equivalency factor (TEF) for each congener, multiplies the detected concentration by that TEF, then sums the resulting equivalent concentrations (TECs) of all congeners. Dioxins not detected by the analyses are assumed to be present at a concentration of one half the laboratory's method detection limit. Using this procedure, the two samples were found to contain dioxin TTECs of 0.23 and 0.13

ng/kg, respectively. Washington MTCA regulations set an unrestricted land use cleanup criteria of 11 ng/kg for the TEQ of dioxin mixtures. The soil samples are two orders of magnitude less than the cleanup criteria. No further dioxin testing is anticipated.

Of the four samples from the shop and fueling areas tested for volatile organic compounds, only the sample from 2.5 feet in boring FA-1 contained a detectable concentration of any parameter. The sample contained a reported concentration of 0.09 mg/kg of xylenes. Washington MTCA regulations set an unrestricted land use cleanup criteria of 9 mg/kg for xylenes. The samples from the shop area did not contain detectable concentrations of any of 62 volatile organic compounds which can be identified by the laboratory method.

Of the four samples analyzed for total petroleum hydrocarbons, the shallow sample from FA-1 was the only sample to detect any reportable concentrations. The analyses reported 14 mg/kg of gasoline range hydrocarbons, 170 mg/kg of diesel and 720 mg/kg of motor oil range petroleum. These reported concentrations are less than MTCA unrestricted land use cleanup criteria of 100 mg/kg, 2,000 mg/kg and 2,000 mg/kg, respectively. This sample also represents a very limited soil horizon in the boring, approximately three inches thick in the shallowest sample. It is a de minimis condition that warrants no further investigation or cleanup.

Of six shallow samples analyzed for arsenic and lead, all detected concentrations typical of native soil conditions. Arsenic was detected at concentrations ranging from 1.58 to 6.08 mg/kg. Lead concentrations ranged from 2.65 to 12.4 mg/kg. The reported concentrations are all below the MTCA unrestricted land use cleanup criteria of 20 mg/kg and 250 mg/kg for arsenic and lead, respectively.

7.5.2 Groundwater Sample Analyses

Samples from monitoring wells MW-1, MW-2R, MW-3, MW-4, MW-5 and MW-6R were analyzed for pentachlorophenol (PCP). Of these, monitoring wells MW-2R, at the former dip tank, and MW-5 at the former planer spray booth contained detectable concentrations, reported as 69 ug/l and 22 ug/l, respectively. The reported concentrations exceed the MTCA Method B standard formula value of 0.73 ug/l. The two wells are located in or immediately adjacent to these former source areas for PCP.

Monitoring wells surrounding MW-2R and the former dip tank area (MW-1, MW-3 and MW-4) do not contain detectable PCP concentrations, indicating that there has not been significant migration from the source.

The reported PCP concentration in MW-5 is approximately an order of magnitude lower than a sample obtained from the well soon after it was installed in October 2008 (180 ug/l). This suggests that the cleanup of PCP contaminated soil from this area has removed a source of contaminants to groundwater and concentrations may continue to attenuate naturally over time.

Samples from MW-1, MW-3, MW-4 and MW-5 were also analyzed for a list of other semi-volatile compounds. The samples did not contain detectable concentrations of any of 62 semi-volatile organic compounds which can be identified by the laboratory method.

Samples from monitoring wells MW-1, MW-2R, MW-4 and B-5R were analyzed for a list of 64 volatile organic compounds, including solvents that were reported to be minor constituents of NP-1 sapstain control solutions. Monitoring wells MW-1 and MW-4 did not contain detectable concentrations of any of the analyzed parameters. The sample from MW-2R contained low but detectable concentrations of acetone (98 ug/l) and naphthalene (2.5 ug/l). These reported concentrations are below the MTCA cleanup criteria of 800 ug/l and 160 ug/l, respectively. The sample from monitoring well B-5R contained a low but detectable concentration of isopropylbenzene (1.1 ug/l). The Department of Ecology's CLARC database does not contain a standard cleanup value for this compound.

Samples from MW-2R and B-5R were analyzed for total petroleum hydrocarbons. The sample from MW-2R contained diesel and motor oil range petroleum, reported at concentrations of 1,000 ug/l and 4,900 ug/l, respectively. The laboratory noted that the chromatogram for the sample is not indicative of diesel. The petroleum found during excavation of the dip tank area was hydraulic oil, which is typically represented by the motor oil range in this analysis. The reported concentrations in MW-2R exceed the 500 ug/l MTCA Method A groundwater cleanup criteria for diesel or motor oil. The sample from B-5R contained a detectable concentration of diesel-range petroleum, reported to be 150 ug/l. The sample from B-5R did not contain detectable gasoline or motor oil range hydrocarbons.

Samples from MW-2R, MW-6R and B-5R were analyzed for the total concentrations of five regulated metals; arsenic, cadmium, chromium, lead and mercury. Arsenic was detected in samples from MW-2R and MW-6R, at concentrations of 12.1 and 3.43 ug/l, respectively. The arsenic detected in MW-2R exceeds the MTCA Method A cleanup criteria for unrestricted land use of 5 ug/l. However, monitoring well MW-2R remained more turbid than the other wells after development, so the reported result could be attributed to small amounts of sediment within the sample, rather than in-situ groundwater conditions.

Cadmium and mercury were not detected in any of the groundwater samples. Low but detectable concentrations of chromium and lead were detected in all three of the tested samples. Chromium concentrations ranged from 2.68 to 12.6 ug/l, below the MTCA Method A cleanup criteria of 50 ug/l. Lead concentrations ranged from 1.13 to 1.53 ug/l, below the MTCA Method A cleanup criteria of 15 ug/l.

7.6 Inferred Groundwater Contours and Direction of Migration

Groundwater level measurements have been taken in the monitoring wells dating from September 2008 to May 2009. The water level data is summarized in Table 11. The most complete set of data was obtained on May 22nd, 2009, after all seven of the site monitoring wells were in place and developed. Figure 13 shows the inferred contours of the groundwater surface based on the May 22nd measurements. The contours infer groundwater migration would be expected to be generally to the northwest across most of the sawmill portion of the property. This pattern is consistent with the findings of a 1988 hydrogeologic study of the property completed by Hart Crowser, Inc, as part of the preparations for the log yard capping project. Monitoring wells MW-1, MW-4 and B-5R appear to show some tidal influence, as they are near Wapato Creek. Other wells do not show strong variations over a short time.

The direction of migration indicates that the monitoring wells installed on the site are all properly located to represent conditions at or downgradient from the former source areas of contaminants. No additional monitoring wells are warranted for long term monitoring of the site.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on our observations and testing, several areas of the Portac site were impacted by prior site uses, including releases of petroleum and pentachlorophenol to soil and groundwater. The cleanup efforts undertaken at the site have removed all identified soil that exceeded Washington Model Toxics Control Act Method A or B unrestricted land use cleanup criteria for these contaminants. No further soil cleanup action appears warranted.

Groundwater monitoring at the site has identified pentachlorophenol in groundwater at three locations; adjacent to the former dip tank; at the planer spray booth area; and at the former sawmill spray booth. Monitoring wells at the dip tank and planer spray booth areas have found concentrations of PCP that exceed MTCA Method B groundwater cleanup criteria standard formula values. The reported concentrations in May 2009 samples are less than that reported in earlier samples from these areas, suggesting that the excavated soil had been a source of contaminants to groundwater. Further periodic sampling should be conducted to evaluate long-term attenuation of groundwater conditions in these areas. Future sampling from monitoring well MW-2 from the dip tank area should also be tested for concentrations of diesel and oil range petroleum hydrocarbons, and total arsenic. Since the contaminated soil that would act as a source material has been removed, further monitoring can be expected to demonstrate long-term attenuation of contaminants in groundwater.

A sample from the replacement well in the sawmill spray booth area did not contain detectable concentrations of PCP in groundwater. Future monitoring will be required to demonstrate whether or not groundwater conditions are consistent in this area and whether or not conditions meet MTCA cleanup criteria.

Three monitoring wells from CDM's study remain in place surrounding the dip tank area. These wells have not contained pentachlorophenol concentrations above MTCA cleanup levels in any sampling. Wells MW-1 and MW-4 are in positions that would be considered down-gradient with respect to groundwater flow from the dip tank area. This monitoring network is suitable to evaluate whether or not groundwater contamination migrates from the former dip tank area.

Monitoring wells MW-5, MW-6R and B-5R, at the planer spray booth, sawmill spray booth and machine shop, respectively, are suitable for future monitoring in these areas. Future monitoring should be used to evaluate any long-term trends in groundwater conditions in these areas.

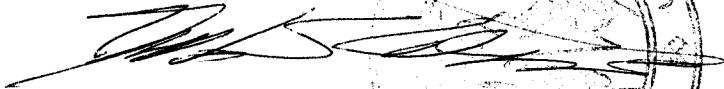
7.0 LIMITATIONS/ CLOSURE

The recommendations contained in this report represent our professional opinions and are based on our observations, subcontracted analytical testing and information supplied by third party sources. These opinions are based on currently available information and are arrived at in accordance with currently accepted environmental assessment practices at this time and location. This report has been prepared for the exclusive use of Portac, Inc., their agents, attorney's and lenders, for specific application to this project, in accordance with our approved scope of work and our General Term and Conditions. In the event that other information becomes known regarding

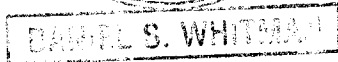
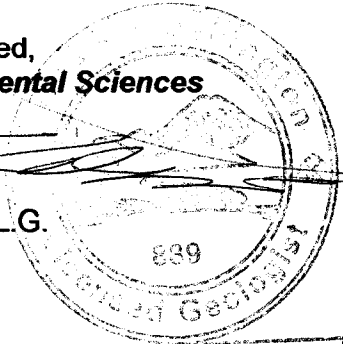
conditions of the site or surrounding properties, the conclusions of this report should be reviewed and if necessary, updated by WES to reflect the new information.

Whitman Environmental Sciences has been pleased to have the opportunity to be of service to you in this matter. If you have any questions regarding the information contained in this report, or if I may be of any further assistance, please feel free to contact me.

Respectfully submitted,
Whitman Environmental Sciences



Daniel S. Whitman, L.G.
Principal



8.0 REFERENCES

Camp, Dresser, & McKee, 2008a. Draft Facility Closure Assessment, Former Portac Lumber Facility, 4215 SR 509 North Frontage Road, Tacoma, Washington, CDM Project No. 68338-65020, July 14, 2008.

Camp, Dresser, & McKee, 2008b. Draft Facility Closure Assessment, Second Phase, Former Portac Lumber Facility, 4215 SR 509 North Frontage Road, Tacoma, Washington, CDM Project No. 68338-65020, October 13, 2008.

Whitman Environmental Sciences, 2009a. Draft Log Ramp Demolition Report, Portac, Inc., 4215 N. Frontage Rd. SR 509, Tacoma, WA, Project No. WES-1400, January 16, 2009.

EPA, 2006. U.S. Environmental Protection Agency Office of Prevention, Pesticides and Toxic Substances Reregistration Eligibility Decision for Aliphatic Alkyl Quaternaries (DDAC), EPA739-R-06-008 August, 2006

EPA 1997. U.S. Environmental Protection Agency Office of Prevention, Pesticides and Toxic Substances Reregistration Eligibility Decision 3-Iodo-2-propynyl butylcarbamate (IPBC), EPA738-R-97-003 March, 1997

TABLE 2

**Portac Inc. Dip Tank Removal
Soil Sample Analytical Summary**

**Project No. WES-1400
Page 1**

Sample I.D.	Location/Depth Below Ground Surface	Sample Date	Pentachlorophenol (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)
Sidewall and Base Compliance Samples				
DT-SESW-11	SE Sidewall / 11'	9-16-08	ND (<0.13)	Diesel- ND (<33) Oil - ND (<66)
DT-SSW-9*	S Sidewall / 9'	9-16-08	7.3	Diesel- ND (<32)* Oil - ND (<64)*
DT-WSW-9	W Sidewall under 10" fire line / 9'	9-16-08	ND (<0.13)	Diesel- ND (<33) Oil - ND (<66)
DT-SE Base-18*	Excavation base in SE corner / 18'	9-16-08	6.6	NA*
DT-Center Base-16	Excavation base S of tank location / 16'	9-16-08	ND (<0.14)	NA
DT-E Base-16	Excavation base at E end of tank / 16'	9-16-08	ND (<0.13)	NA
DT-W Base-14*	Excavation base at W end of tank / 14'	9-17-08	ND (<0.14)*	Diesel- 430* Oil - 3,000*
DT-SSW-REX-11	S Sidewall retest after further excavation / 11'	9-19-08	ND (<0.14)	NA
DT-SE Base-REX-18	Excavation base in SE corner after further excavation / 18'	9-19-08	ND (<0.13)	NA

TABLE 2

**Portac Inc. Dip Tank Removal
Soil Sample Analytical Summary**

**Project No. WES-1400
Page 2**

Sample I.D.	Location/Depth Below Ground Surface	Sample Date	Pentachlorophenol (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)
DT-NSW-Center-12	North sidewall near center / 12'	9-19-08	0.15	NA
DT-NSW-10'EFL-12	North sidewall 10' E of fire line / 12'	9-19-08	1.6	Diesel- 160 Oil - 800
DT-WSW-20N-11 ⁽¹⁾	West sidewall 20' N of centerline of dip tank / 11'	9-18-08	NA	Diesel- ND (<33) Oil - ND (<65)
DT-WSW-Tank-10	West sidewall at centerline of dip tank / 10'	9-18-08	NA	Diesel- ND (<33) Oil - ND (<67)
DT-Base-15N/20E-16	Excavation base 15' N and 20' E of west end of dip tank / 16'	9-19-08	NA	Diesel- ND (<31) Oil - ND (<62)
DT-W Base-10N-16	Excavation base 10' N of west end of dip tank / 16'	9-19-08	NA	Diesel- ND (<31) Oil - ND (<62)
DT-NSW-10'W-11	North sidewall 10' W of NE corner of excavation / 11'	9-24-08	0.31	Diesel- ND (<31) Oil - ND (<61)
DT-NE Corner-7	Northeastern corner of excavation / 7'	9-24-08	ND (<0.12)	Diesel- ND (<29) Oil - ND (<58)
DT-NWSW-11 (20'W)	North sidewall 20' W. of NE corner of excavation / 11'	9-24-08	ND (<0.13)	Diesel- ND (<33) Oil - ND (<66)
Model Toxics Control Act Soil Cleanup Criteria:			8.3²	2,000³

Table 2 Notes:

ND (<XX) - Not detected above the noted concentration.

NA - Not analyzed for the noted parameter.

* - Indicates Performance Sample. Sampled material was later removed for disposal. Performance samples representing areas excavated further during later cleanup are shaded. Retests of these areas identified with suffix REX in sample ID.

Model Toxics Control Act soil cleanup criteria per Chapter 173-340-740 WAC.

⁽¹⁾ - Sample incorrectly identified on laboratory report as NSW-12N-11. Chain of custody and field records identify the sample as noted in this table.

²- Method B standard formula value for pentachlorophenol per Washington Department of Ecology CLARC database.

³ - Method A cleanup criteria for total petroleum hydrocarbons in the heavy oil range, per Table 740-1.

Detected parameters exceeding Washington Model Toxics Control Act soil cleanup criteria are noted in ***BOLD ITALIC***.

TABLE 3

Portac Inc. Dip Tank Waste Soil
Analytical Summary

Project No. WES-1400
Page 1

Sample I.D.	Location in Stockpiles	Sample Date	Pentachlorophenol (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)
-------------	------------------------	-------------	---------------------------	--------------------------------------

Waste Soil Stockpile - As Excavated				
STK-DT-S	S end of dip tank Stockpile	9-16-08	14.0	NA
STK-DT-E1	E side of Stockpile	9-16-08	ND (<0.12)	NA
STK-DT-E2	E side of Stockpile 20' N	9-16-08	8.6	NA
STK-DT-W1	W side of Stockpile	9-16-08	ND (<0.12)	NA
STK-DT-W2	W side of Stockpile 15' N	9-16-08	11.0	Diesel- Oil - 3,200 32,000

Composite Waste Samples in Windrows

Comp 1	S end of Windrow 1	10-1-08	13	NA
Comp 2	Mid section Windrow 1	10-1-08	13	NA
Comp 3	N end Windrow 1	10-1-08	23	NA
Comp 4	S end of Windrow 2	10-1-08	25	NA
Comp 5	Mid section Windrow 2	10-1-08	20	NA
Comp 6	N end Windrow 2	10-1-08	21	NA
Comp 7	S end of Windrow 3	10-1-08	25	NA

TABLE 3

**Portac Inc. Dip Tank Waste Soil
Analytical Summary**

Sample I.D.	Location in Stockpiles	Sample Date	Pentachlorophenol (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)
Comp 8	N. end Windrow 3	10-1-08	29	NA
Comp 9	S. end of Windrow 4	10-1-08	20	NA
Comp 10	N. end of Windrow 4	10-1-08	17	NA
RCRA Universal Treatment Standard (UTS) (mg/kg)				
Allowable Land Disposal Concentration for Soil from Remediation			7.4	Not Applicable
10 X UTS (mg/kg)			74	Not Applicable

Table 3 Notes:

ND (<XX) - Not detected above the noted concentration.

NA - Not analyzed for the noted parameter.

RCRA Universal Treatment Standard for pentachlorophenol per 40CFR 268.48

Allowable Land Disposal Concentration for Remediation Soil per 40CFR268.49

Detected parameters exceeding RCRA Universal Treatment Standard are noted in **BOLD ITALIC**.

TABLE 4**Additional Dip Tank Area Soil Waste Characterization
Analyses on Sample Comp 8 and Comp 11****Project No. WES-1400
Page 1**

Parameters:	Laboratory Analytical Result
Semi-volatile Organic Compounds- (mg/kg)	ND (all - 65 other individual compounds) - reporting limits vary; see laboratory report
Chromium - total (mg/kg)	8.78
Arsenic - total (mg/kg)	3.43
Dioxins/Furans (mg/kg)	For full parameter list see laboratory report
Total TCDD	ND (<0.00037)
Total PeCDD	ND (<0.00033)
Total HxCDD	0.0022
1,2,3,4,6,7,8-HpCDD	0.0045
Total HpCDD	0.0068
OCDD	0.034
Total TCDF	ND (<0.000065)
Total PeCDF	ND (<0.0002)
Total HxCDF	ND (<0.00024)
Total HpCDF	0.00094
OCDF	0.0015

Table 4 Notes:

ND (<XX) - Not detected above the noted concentration.
 Semi-volatile organic compounds by EPA Method 8270C
 Arsenic and chromium by EPA Method 200.8
 Dioxins/furans by EPA Method 8280A.

TABLE 5
Portac Mill and Planer Spray Area
Groundwater Sample Analytical Summary

WES-1400
Page 1

Sample I.D.	Pentachlorophenol (ug/l)
MW-6 (Labeling Error - Sample was incorrectly labeled. Sample is actually from MW-5 at Portac Planer Building)	180
MW-7 (Labeling Error - Sample was incorrectly labeled. Sample is actually from MW-6 , at Portac Mill PCP Spray area)	1,600
Model Toxics Control Act Method B Standard Formula Value Groundwater Cleanup Criteria	0.73
MTCA Method B - Standard Formula Value Surface Water Cleanup Criteria	4.9
MTCA Method C - Standard Formula Value Groundwater Cleanup Criteria	7.3
MTCA Method C - Standard Formula Value Surface Water Cleanup Criteria	120
Most restrictive surface water aquatic life ARAR (Marine/Chronic - Clean Water Act §304 & Ch. 173-201A WAC	7.9
Most restrictive surface water human health ARAR Fresh Water - Clean Water Act §304	0.27

Table 5 Notes:

Samples were incorrectly labeled in the field. Correct monitoring well ID is noted, and proper Sample IDs have been noted in laboratory reports in Appendix B.

NA - Not analyzed for the noted parameter.

Various Model Toxics Control Act groundwater cleanup criteria from Dept. of Ecology CLARC database, per Chapter 173-340- 720.

TABLE 6

**Portac Inc. Mill and Planer Pentachlorophenol Spray Areas
Soil Sample Analytical Summary**

Project No. WES-1400
Page 1

Sample I.D.	Location/Depth Below Ground Surface	Sample Date	Pentachlorophenol (mg/kg)
Mill Spray Area Excavation			
Mill E Base-9.5	East side if final base of spray area excavation / 9.5'	11-6-08	ND (<3)
Mill W Base-10.5	West side of final excavation base / 10.5'	11-6-08	ND (<3)
Mill NSW-5	North sidewall of excavation / 5'	11-6-08	ND (<3)
Mill ESW-3	East sidewall of excavation / 3'	11-6-08	ND (<3)
Mill SSW-4.5	South sidewall of excavation / 4.5'	11-6-08	ND (<3)
Mill WSW-6	West sidewall of excavation / 6'	11-6-08	ND (<3)
Mill Spray Area Soil Stockpile			
Mill STK-W	West side of Stockpile	11-6-08	ND (<3)
Mill STK-N	North side of Stockpile 20' N	11-6-08	ND (<3)
Mill STK-E	East side of Stockpile	11-6-08	ND (<3)
Mill STK-Comp N	Composite of three areas from North center of pile	11-11-08	ND (<3)
Mill STK-Comp S	Composite of three areas from South center of pile	11-11-08	ND (<3)

TABLE 6

**Portac Inc. Mill and Planer Pentachlorophenol Spray Areas
Soil Sample Analytical Summary**

Project No. WES-1400
Page 2

Sample I.D.	Location/Depth Below Ground Surface	Sample Date	Pentachlorophenol (mg/kg)
Mill Edger Spray Booth Area Test Pit			
D4SB-3.5	Test Pit at interior Edger Spray Booth location after removing concrete floor slab / 3.5'	11-6-08	ND (<3)
Planer Spray Booth Area Test Pit Samples			
PTP-1-2	Test Pit 10' Southwest of Monitoring Well MW-5, at former spray booth location / 2'	11-6-08	6.1
PTP-1-5	Test Pit 10' Southwest of Monitoring Well MW-5, at former spray booth location / 5'	11-6-08	16
PTP-2-2.5	Test Pit 10' Southeast of Monitoring Well MW-5, at former spray booth location / 2.5'	11-6-08	ND (<3)
PTP-3-6	Test Pit 5' Northeast of Monitoring Well MW-5, at former spray booth location / 6'	11-6-08	ND (<3)
PTP-4-3	Test Pit 5' Northwest of Monitoring Well MW-5, at former spray booth location / 3'	11-6-08	ND (<3)

TABLE 6

**Portac Inc. Mill and Planer Pentachlorophenol Spray Areas
Soil Sample Analytical Summary**

Project No. WES-1400
Page 3

Sample I.D.	Location/Depth Below Ground Surface	Sample Date	Pentachlorophenol (mg/kg)
Planer Spray Booth Area Initial Excavation (REX)			
PTP-1REX-7	Re-excavation in the area of Test Pit PTP-1, SW of Monitoring Well MW-5, Base / 7'	11-12-08	ND (<3)
PTP-1REX-NSW-6	Re-excavation in the area of Test Pit PTP-1, SW of Monitoring Well MW-5, North Sidewall / 6'	11-12-08	ND (<3)
PTP-1REX-SWSW-5	Re-excavation of PTP-1, SW of Monitoring Well MW-5, Southwest Sidewall / 5'	11-12-08	20
PTP-1REX-SSW-4	Re-excavation of PTP-1, SW of Monitoring Well MW-5, South Sidewall / 4'	11-12-08	92
Planer Spray Booth Area Second Round Excavation (REX2)			
PTP/REX2-Base-6	Expanded excavation in the area of PTP-1, south and southwest of initial digging, Base / 6'	11-17-08	ND (<3)
PTP/REX2-WSW-4	Expanded excavation in the area of PTP-1, south and southwest of initial digging, West Sidewall / 4'	11-17-08	ND (<3)
PTP/REX2-ESW-4	Expanded excavation in the area of PTP-1, south and southwest of initial digging, East Sidewall / 4'	11-17-08	17

TABLE 6

**Portac Inc. Mill and Planer Pentachlorophenol Spray Areas
Soil Sample Analytical Summary**

Project No. WES-1400
Page 4

Sample I.D.	Location/Depth Below Ground Surface	Sample Date	Pentachlorophenol (mg/kg)
PTP/REX2-SSW-4	Expanded excavation in the area of PTP-1, south and southwest of initial digging, South Sidewall / 4'	11-17-08	ND (<3)
PTP/REX2-NSW-4	Expanded excavation in the area of PTP-1, south and southwest of initial digging, North Sidewall / 4'	11-17-08	30
Planer Spray Booth Area Third Round Excavation (REX3)			
PTP-REX3-SWSW-4	Expanded excavation east and west of REX2 digging, Southwest Sidewall / 4'	11-21-08	ND (<3)
PTP-REX3-WSW-4	Expanded excavation east and west of REX2 digging, West Sidewall / 4'	11-21-08	ND (<3)
PTP-REX3-NEC-4	Expanded excavation east and west of REX2 digging, Northeast Corner / 4'	11-21-08	ND (<3)
PTP-REX3-SEC-4	Expanded excavation east and west of REX2 digging, Southeast Corner / 4'	11-21-08	ND (<3)
Model Toxics Control Act Soil Cleanup Criteria:			8.3'

Table 6 Notes:

ND (<XX) - Not detected above the noted concentration.

* - Indicates Performance Sample. Sampled material was later removed for disposal. Performance samples representing areas excavated further during later cleanup are shaded.

Model Toxics Control Act soil cleanup criteria per Chapter 173-340-740 WAC.

¹ - Method B standard formula value for pentachlorophenol per Washington Department of Ecology CLARC database.

Detected parameters exceeding Washington Model Toxics Control Act soil cleanup criteria are noted in **ITALIC**.

TABLE 7

**Portac Inc. Planer Area Stockpile
Waste Characterization Sample Analytical Summary**

Sample I.D.	Location	Sample Date	Semi-Volatile Organic Compounds (mg/kg)	Total Metals (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)
W-1-STK	North side of Stockpile	11-21-08	Pentachlorophenol - 4.0 Other SVOCs - ND (all)	Arsenic 2.77 Barium 44.3 Cadmium ND (<1) Chromium 15.4 Mercury 1.5 Lead 6.27 Selenium ND (<1) Silver ND (<1)	Diesel- ND (<50) Oil - ND (<250)
W-2-STK	West side of Stockpile	11-21-08	Pentachlorophenol - 5.2 Other SVOCs - ND (all)	Arsenic 3.05 Barium 32 Cadmium ND (<1) Chromium 14.2 Mercury 1.2 Lead 4.17 Selenium ND (<1) Silver ND (<1)	Diesel- ND (<50) Oil - ND (<250)
W-3-STK	East side of Stockpile	11-21-08	Pentachlorophenol - 3.7 Other SVOCs - ND (all)	Arsenic 2.41 Barium 34.3 Cadmium ND (<1) Chromium 13.9 Mercury 0.73 Lead 3.45 Selenium ND (<1) Silver ND (<1)	Diesel- ND (<50) Oil - ND (<250)

Table 7 Notes:

ND (<XX) - Not detected above the noted concentration.

Semi-volatile aromatic compounds by EPA Method 8270D, for a list of 66 analytical parameters. Pentachlorophenol was identified as the only semi-volatile compound in any of the samples.

Total metals analyzed by EPA Method 200.8 except mercury, tested by EPA Method 1631E.

Total Petroleum Hydrocarbons in the Diesel and Oil ranges analyzed by method NWTPH-D(extended).

TABLE 8

**Portac Inc. Mill Hydraulics Area Test Pits
Soil Sample Analytical Summary**

Sample I.D.	Sample Date	Total Petroleum Hydrocarbons (mg/kg)	Other Testing
-------------	-------------	--------------------------------------	---------------

Hydraulic Area Test Pits - Before Excavation			
TP-1/3.5'	10-22-08	Diesel - ND (<50) Oil - ND (<250)	NA
TP-2/3'	10-22-08	Diesel - 1,700 Oil - 11,000	PCBs - ND (<0.1) TCLP Metals Arsenic - ND (<1) Barium - ND (<1) Cadmium - ND (<1) Chromium - ND (<1) Mercury - ND (<0.02) Lead - ND (<1) Selenium - ND (<1) Silver - ND (<1)
TP-3/3'	10-22-08	Diesel - ND (<50) Oil - ND (<250)	NA
TP-4/4'	10-22-08	Diesel - 83 Oil - 530	TCLP Metals Arsenic - ND (<1) Barium - ND (<1) Cadmium - ND (<1) Chromium - ND (<1) Mercury - ND (<0.02) Lead - ND (<1) Selenium - ND (<1) Silver - ND (<1)

TABLE 8

**Portac Inc. Mill Hydraulics Area Test Pits
Soil Sample Analytical Summary**

Sample I.D.	Sample Date	Total Petroleum Hydrocarbons (mg/kg)	Other Testing
TP-5/4'	10-22-08	Diesel - 5,800 Oil - 39,000	PCBs - ND (<0.1) TCLP Metals Arsenic - ND (<1) Barium - ND (<1) Cadmium - ND (<1) Chromium - ND (<1) Mercury - ND (<0.02) Lead - ND (<1) Selenium - ND (<1) Silver - ND (<1)
TP-6/2'	10-22-08	Diesel - 11,000 Oil - 48,000	NA
TP-8/3'	10-22-08	Diesel - ND (<50) Oil - ND (<250)	NA
Model Toxics Control Act Method A Soil Cleanup Criteria:			
Method B Criteria for the Site Specific Petroleum from Ecology Workbook Tool MTCACALC 11:		Diesel or Oil - 2,000 Site Specific Oil - 8,803	PCBs - 1 TCLP Metals - Conducted for Waste Characterization - Not used as MTCA Cleanup Criteria

Table 8 Notes:

ND (<XX) - Not detected above the noted concentration.

NA - Not analyzed for the noted parameter.

Diesel or Motor Oil analyzed by WA accepted Method NWTPH-D(extended). MTCA Method A criteria requires the combined total of all diesel and oil range organics meet the lowest criteria for the detected petroleum types.

Method B Cleanup Level for the site specific hydraulic oil, based on Ecology's "Workbook Tools for Calculating Soil and Ground Water Cleanup Levels under the Model Toxics Control Act Cleanup Regulation", Publication No. 01-09-073, December, 2007. (MTCATPH 11.1)

TCLP Metals analysis is intended for waste characterization under state and federal dangerous waste regulations. No Washington State soil cleanup criteria are based on TCLP concentrations of any parameter.

TABLE 9

**Portac Inc. Mill Hydraulics Area
Soil Sample Analytical Summary**

**Project No. WES-1400
Page 1**

Sample I.D.	Sample Location / Depth (ft.) (All sample coordinates measured from the northeastern corner of the excavation)	Sample Date	Total Petroleum Hydrocarbons (mg/kg)
Hydraulic Area Excavation Base and Sidewall Samples			
NE Corner	Sample from sidewall at the northeastern corner of the excavation / 4'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
Base 20S/0W	Excavation base 20 feet south, along eastern sidewall of excavation / 4'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
Base 15S/15W	Excavation base 15' south and 15' west of NE Corner / 4'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
Base 10S/48W	Excavation base 10' south and 48' west of NE Corner / 4'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
Base 30S/15W	Excavation base 30' south and 15' west of NE Corner / 4'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
Base 42S/23W*	Excavation base 42' south and 23' west of NE Corner / 4'	11-11-08	Diesel - 13,000 Oil - 33,000
NSW 15W - 3	North sidewall, 15' west of NE Corner / 3'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
NSW 45W - 3	North sidewall, 45' west of NE Corner / 3'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
SSW 25W - 2.5	South sidewall, 45' south and 25' west of NE Corner / 2.5'	11-11-08	Diesel - ND (<50) Oil - ND (<250)

TABLE 9

**Portac Inc. Mill Hydraulics Area
Soil Sample Analytical Summary**

**Project No. WES-1400
Page 2**

Sample I.D.	Sample Location / Depth (ft.) (All sample coordinates measured from the northeastern corner of the excavation)	Sample Date	Total Petroleum Hydrocarbons (mg/kg)
SSW 42W - 3.5*	South sidewall, 45' south and 42' west of NE Corner / 3.5'	11-11-08	Diesel - 8,100 Oil - 29,000
Base 25S/55W*	Excavation base, 25' south and 55' west of NE Corner / 4'	11-11-08	Diesel - 9,400 Oil - 33,000
Base 42S/42W	Excavation base, 42' south and 42' west of NE Corner / 4'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
ESW 40S - 2.5	East sidewall, 40 ' south of NE Corner / 2.5'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
ESW 22S - 3	East sidewall, 22' south of NE Corner / 3'	11-11-08	Diesel - ND (<50) Oil - ND (<250)
SSW 45W/55S - 3*	South sidewall, 45 feet west and 55 feet south of NE Corner / 3'	11-14-08	Diesel - 16,000 Oil - 27,000
SSW 55W/55S - 3*	South sidewall, 45 feet west and 55 feet south of NE Corner / 3'	11-14-08	Diesel - 500 Oil - 2,400
NSW 60W - 2	North sidewall, 60 feet west of NE Corner / 2'	11-14-08	Diesel - ND (<50) Oil - ND (<250)
Base 45W/50S - 4	Excavation base 45' west and 50' south of NE Corner / 4'	11-14-08	Diesel - ND (<50) Oil - ND (<250)
WSW 57W/25S	West sidewall slope, 57' west and 25' south of NE Corner / 3'	11-14-08	Diesel - ND (<50) Oil - ND (<250)

TABLE 9

**Portac Inc. Mill Hydraulics Area
Soil Sample Analytical Summary**

**Project No. WES-1400
Page 3**

Sample I.D.	Sample Location / Depth (ft.) (All sample coordinates measured from the northeastern corner of the excavation)	Sample Date	Total Petroleum Hydrocarbons (mg/kg)
Base 65W/15S - 4	Excavation base 65' west and 15' south of NE Corner / 4'	11-14-08	Diesel - ND (<50) Oil - ND (<250)
Base 60W/30S - 5	Excavation base 60' west and 30' south of NE Corner / 5'	11-14-08	Diesel - ND (<50) Oil - ND (<250)
WSW 68W/40S - 3*	West sidewall, 68' west and 40' south of NE Corner / 3'	11-14-08	Diesel - 1,300 Oil - 7,600
SWB 55W/70S	Sloping sidewall and base, 55' west and 70' south of NE Corner / 4'	11-19-08	Diesel - ND (<50) Oil - ND (<250)
WSW 70W/45S	West sidewall, 70' west and 45' south of NE Corner / 2'	11-19-08	Diesel - ND (<50) Oil - ND (<250)
ESW 40W/78S	East sidewall, 40' west and 78' south of NE Corner / 3'	11-19-08	Diesel - ND (<50) Oil - ND (<250)
Base 40W/60S	Excavation base 40' west and 60' south of NE Corner / 3'	11-19-08	Diesel - ND (<50) Oil - ND (<250)
SSW 45W/80S	South sidewall 45' west and 80' south of NE Corner / 4'	11-19-08	Diesel - ND (<50) Oil - ND (<250)
Model Toxics Control Act Method A Soil Cleanup Criteria:			Diesel or Oil - 2,000
Method B Criteria for the Site Specific Petroleum from Ecology Workbook Tool MTCACALC 11:			Oil - 8,803

Table 9 Notes:

ND (<XX) - Not detected above the noted concentration.

* - Indicates Performance Sample. Sampled material was later removed for disposal.

Samples representing areas excavated further during later cleanup are shaded.

Model Toxics Control Act soil cleanup criteria per Chapter 173-340-740 WAC.

¹- Method B standard formula value for pentachlorophenol per Washington Department of Ecology CLARC database.

² - Method A cleanup criteria for total petroleum hydrocarbons in the heavy oil range, per Table 740-1.

Method B Cleanup Level for the site specific hydraulic oil, based on Ecology's "Workbook Tools for Calculating Soil and Ground Water Cleanup Levels under the Model Toxics Control Act Cleanup Regulation", Publication No. 01-09-073, December, 2007. (MTCATPH 11.1) See Workbook printout in Appendix C.

Detected parameters exceeding Washington Model Toxics Control Act soil cleanup criteria are noted in ***BOLD ITALIC***.

TABLE 10
Portac Inc. Crushed Concrete Backfill
Analytical Summary

Parameter:	Sample ID Crushed Concrete (mg/kg)	MTCA Soil Cleanup Criteria (mg/kg)
Total Petroleum Hydrocarbons	Gasoline - ND (<20) Diesel - 550 Oil - 2,000 ¹	Gasoline - 100 Diesel - 2,000 Oil - 2,000
Semi-volatile Organic Compounds (66 common semi-volatile parameters)	Detected compounds: Acenaphthene 0.45 Benz(a)anthracene 0.17 Dibenzofuran 0.28 Fluorene 0.37 Fluoranthene 0.67 Naphthalene 0.27 2-Methylnaphthalene 0.34 Phenanthrene 1.5 Pyrene 0.55 Other SVOCs: ND (all) Toxic Equivalent Concentration: 0.017 (Chapter 173-340-708(8)(e) WAC)	Acenaphthene 4,800* Benz(a)anthracene -* Dibenzofuran 160* Fluorene 3,200* Fluoranthene 3,200* Naphthalene 1,600* 2-Methylnaphthalene 320* Phenanthrene -* Pyrene 2,400* Toxic Equivalent Concentration Limit: 0.1
Regulated Metals		
Arsenic	16.9	20
Barium	51.7	16,000*
Cadmium	ND (<1)	2
Chromium III	25.6 (total)	2,000
Chromium VI	--	19
Lead	11.0	250
Mercury	ND (<0.2)	2
Selenium	ND (<1)	400*
Silver	ND (<1)	400*

Table 10 Notes:

ND (<XX) - Not detected above the noted concentration.

Model Toxics Control Act soil cleanup criteria per Chapter 173-340-740 WAC.

¹ - TPH concentration attributed in part to asphalt content in the crushed material.

*- Method B standard formula value per Washington Department of Ecology CLARC database. Benz(a)anthracene and phenanthrene formula values not reported; evaluated as part of the Toxic Equivalent Concentration calculation for carcinogenic PAHs.

Toxic Equivalent Concentration per Chapter 173-340-708(8)(e) WAC, summarizing the toxic equivalency of seven carcinogenic PAH compounds compared to that of benzo(a)pyrene.

TABLE 11
Portac, Inc.
Summary of Groundwater Level Measurements

Project No. WES-1400

Page 1

Monitoring Well	Top of Pipe Elevation*	Measurement Date	Depth Below Top of Pipe (ft)	Groundwater Elevation (ft)
MW-1	99.56	9-23-2008	-10.71 (CDM)	88.85
		9-23-2008	-10.59 (CDM)	88.97
		10-8-2008	-10.63	88.93
		10-8-2008	-10.56	89.00
		10-8-2008	-10.61	88.95
		12-3-2008	-10.00	89.56
		4-7-2009	-9.90	89.66
		5-22-2009	-10.15	89.41
MW-2R	100.07	Installed 4-22-2009		
		5-19-2009	-9.91	90.16
		5-22-2009	-9.97	90.10
MW-3	99.67	9-23-2008	-10.60 (CDM)	89.07
		9-23-2008	-10.59 (CDM)	89.08
		10-8-2008	-10.59 (CDM)	89.08
		10-8-2008	-10.57	89.10
		10-8-2008	-10.57	89.10
		12-3-2008	-9.78	89.88
		4-7-2009	-9.46	90.21
		5-22-2009	-9.63	90.04
MW-4	100.00	9-23-2008	-11.31(CDM)	88.69
		9-23-2008	-11.03(CDM)	88.97
		10-8-2008	-11.02	88.98
		10-8-2008	-10.90	89.10
		10-8-2008	-11.11	88.89
		12-3-2008	-10.34	89.66
		4-7-2009	-10.40	89.60
		5-22-2009	-10.65	89.35

TABLE 11
Portac, Inc.
Summary of Groundwater Level Measurements

Project No. WES-1400

Page 2

Monitoring Well	Top of Pipe Elevation*	Measurement Date	Depth Below Top of Pipe (ft)	Groundwater Elevation (ft)
MW-5	98.99	Installed 10-13-2008		
		12-3-2008	-8.98	90.01
		4-7-2009	-8.34	90.65
		5-22-2009	-8.56	90.43
MW-6R	100.49	Installed 4-22-2009		
		5-19-2009	-10.22	90.27
		5-22-2009	-10.44	90.05
B-5R	99.77**	Well remains in place from 1988 hydrogeologic studies		
		5-19-2009	-12.22	87.55
		5-22-2009	-12.07	87.70

Table 11 Notes:

* Top of pipe elevations are relative to the measuring point of MW-4, assigned an elevation of 100.00 for the purposes of this study. Relative elevations are from a 5-22-2009 leveling survey.

(CDM) - measurements taken by CDM during 2008 Facility Closure Assessment Second Phase. Groundwater elevations calculated from these measurements use the 5-22-2009 survey elevations, so vary slightly from that reported by CDM.

**Top of pipe elevation of B-5R altered by reconstruction of the monument around the wellhead. Prior measurements from 1988 hydrogeologic studies are not directly comparable.

TABLE 12

**Portac Post Cleanup Site Investigation
Soil Sample Analytical Summary**

**WES-1400
Page 1**

Boring Number	Sample Depth Below Ground Surface (Ft.)	Sample Date	Pentachlorophenol (mg/kg)	Dioxins/furans¹ (ng/kg)	Volatile Organic Compounds (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)	Regulated Metals (mg/kg)
MW-2R	10.0 - 11.5	4-22-2009	ND (<0.019) ²	TEQ = 0.23	NA	NA	NA
MW-6R	2.5 - 4.0	4-22-2009	NA	NA	NA	NA	Arsenic - 1.58 Lead - 2.65
SH-1	10.0 - 11.5	4-22-2009	ND (<0.019) ²	TEQ = 0.17	NA	NA	NA
SH-1	2.5 - 4.0	4-22-2009	NA	NA	ND (62 different volatile compounds)	Gasoline - ND (<2) Diesel - ND (<50) Motor Oil - ND (<250)	Arsenic - 4.41 Lead - 5.34
SH-2	7.5 - 9.0	4-22-2009	NA	NA	ND (62 different volatile compounds)	Gasoline - ND (<2) Diesel - ND (<50) Motor Oil - ND (<250)	NA
FA-1	2.5 - 4.0	4-22-2009	NA	NA	Benzene - ND (<0.02) Toluene - ND (<0.02) Ethylbenzene - ND (<0.02) Xylenes - 0.09	Gasoline - 14 Diesel - 170 Motor Oil - 720	NA
FA-2	7.5 - 9.0	4-22-2009	NA	NA	Benzene - ND (<0.02) Toluene - ND (<0.02) Ethylbenzene - ND (<0.02) Xylenes - ND (<0.06)	Gasoline - ND (<2) Diesel - ND (<50) Motor Oil - ND (<250)	NA
PLSS-1	0.0 - 0.5	4-22-2009	NA	NA	NA	NA	Arsenic - 1.78 Lead - 6.80
PLSS-2	0.5 - 1.0	5-22-2009	NA	NA	NA	NA	Arsenic - 4.87 Lead - 3.99

TABLE 12

**Portac Site Investigation
Soil Sample Analytical Summary**

WES-1400
Page 2

Boring Number	Sample Depth Below Ground Surface (Ft.)	Sample Date	Pentachlorophenol (mg/kg)	Dioxins/furans ¹ (ng/kg)	Volatile Organic Compounds (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)	Regulated Metals (mg/kg)
Office-1	0.5 - 1.0	5-22-2009	NA	NA	NA	NA	Arsenic - 6.08 Lead - 12.4
E. MILL	1.5 - 2.0	5-22-2009	NA	NA	NA	NA	Arsenic - 3.17 Lead - 4.02
MTCA Soil Cleanup Criteria (mg/kg) except dioxins, as noted.							
			8.4³	TEQ = 11 ng/kg	Xylenes - 9 Other undetected compounds vary	Gasoline - 100⁴ Diesel - 2,000 Motor Oil - 2,000	Arsenic - 20 Lead - 250

Table Notes:

NA - Sample not analyzed for the listed parameter.

ND (<XXX) - Analyzed parameter not detected above the noted concentration.

¹ - Tabulated Toxicity Equivalency Concentration calculated per MTCA WAC Chapter 173-340-708(d). See laboratory report for a complete listing of the analyzed parameters and laboratory results.

² - Denotes the laboratory's Method Detection Limit (MDL) for pentachlorophenol. The laboratory did not detect pentachlorophenol at a concentration above this level. Any detection above the MDL but below the laboratory's standard reporting limit of 0.1 mg/kg must be considered an estimate.

³ - MTCA Method B Standard formula value for unrestricted land use, per Washington Department of Ecology CLARC database.

⁴ - MTCA Method A unrestricted land use cleanup criteria where benzene is not detected and the total BTEX concentration is less than 1% of the gasoline mixture.

Arsenic and chromium by EPA Method 200.8

Pentachlorophenol by EPA Method 8270SIM.

Dioxins/furans by EPA Method 8290.

Volatile organic compounds by EPA Method 8260C.

BTEX compounds by EPA Method 8021B.

Total Petroleum Hydrocarbons in the gasoline range analyzed by method NWTPH-G.

Total Petroleum Hydrocarbons in the Diesel and Oil ranges analyzed by method NWTPH-D(extended).

TABLE 13

**Portac Post-Cleanup Site Investigation
Groundwater Sample Analytical Summary**

WES-1400

Page 1

Monitoring Well ID	Sample Date	Pentachlorophenol (ug/l)	Other Semi-Volatile Organic Compounds (ug/l)	Volatile Organic Compounds (ug/l)	Total Petroleum Hydrocarbons (ug/l)	Regulated Metals (ug/l)
MW-1	3-5-2009	ND (<3.4) ¹	ND (64 additional semi-volatile compounds)	ND (64 different volatile compounds)	NA	NA
	4-7-2009	ND (<0.5)	NA	NA	NA	NA
MW-2R	5-19-2009	69	NA	Acetone - 98 Naphthalene - 2.5 ND (62 other volatile compounds)	Gasoline - NA Diesel - 1,000 Motor Oil - 4,900	Arsenic - 12.1 Cadmium - ND (<1) Chromium - 12.6 Lead - 1.13 Mercury - ND (<0.2)
MW-3	3-5-2009	ND (<3.4) ¹	ND (64 additional semi-volatile compounds)	NA	NA	NA
	4-7-2009	ND (<0.5)	NA	NA	NA	NA
MW-4	3-5-2009	ND (<3.4) ¹	ND (64 additional semi-volatile compounds)	ND (64 different volatile compounds)	NA	NA
	4-7-2009	ND (<0.5)	NA	NA	NA	NA
MW-5	3-5-2009	22	ND (64 additional semi-volatile compounds)	NA	NA	NA
MW-6R	5-19-2009	ND (<0.5)	NA	NA	NA	Arsenic - 3.43 Cadmium - ND (<1) Chromium - 5.79 Lead - 1.26 Mercury - ND (<0.2)

TABLE 13

**Portac Post-Cleanup Site Investigation
Groundwater Sample Analytical Summary**

WES-1400

Page 2

Monitoring Well ID	Sample Date	Pentachlorophenol (ug/l)	Other Semi-Volatile Organic Compounds (ug/l)	Volatile Organic Compounds (ug/l)	Total Petroleum Hydrocarbons (ug/l)	Regulated Metals (ug/l)
B-5R	5-19-2009	NA	NA	Isopropylbenzene - 1.1 ND (63 other volatile compounds)	Gasoline - <100 Diesel - 150 Motor Oil - <250	Arsenic - ND (<1) Cadmium - ND (<1) Chromium - 2.68 Lead - 1.53 Mercury - ND (<0.2)
MTCA Groundwater Cleanup Criteria (ug/l)		Method B - 0.73	Undetected Parameters Vary	Method A Naphthalene - 160 Method B Acetone 800 Isopropylbenzene - - Other Undetected Parameters Vary	Method A Gasoline - 1,000² Diesel - 500 Motor Oil - 500	Method A Arsenic - 5 Cadmium - 5 Chromium - 50 Lead - 15 Mercury - 2

Table Notes:

NA - Sample not analyzed for the listed parameter.

ND (<XXX) - Analyzed parameter not detected above the noted concentration.

¹ - Denotes the laboratory's Method Detection Limit (MDL) for pentachlorophenol by EPA Method 8270D. This method was used to analyze for a wide list of semi-volatile aromatic compounds to demonstrate that no other semi-volatile compounds are present in groundwater. However, by this method the detection limit for pentachlorophenol is not low enough to compare to Method B regulatory criteria.

4-7-2009 analyses for Pentachlorophenol were conducted by EPA Method 8270SIM, with reporting limits suitable for comparison to MTCA Method B groundwater cleanup criteria.

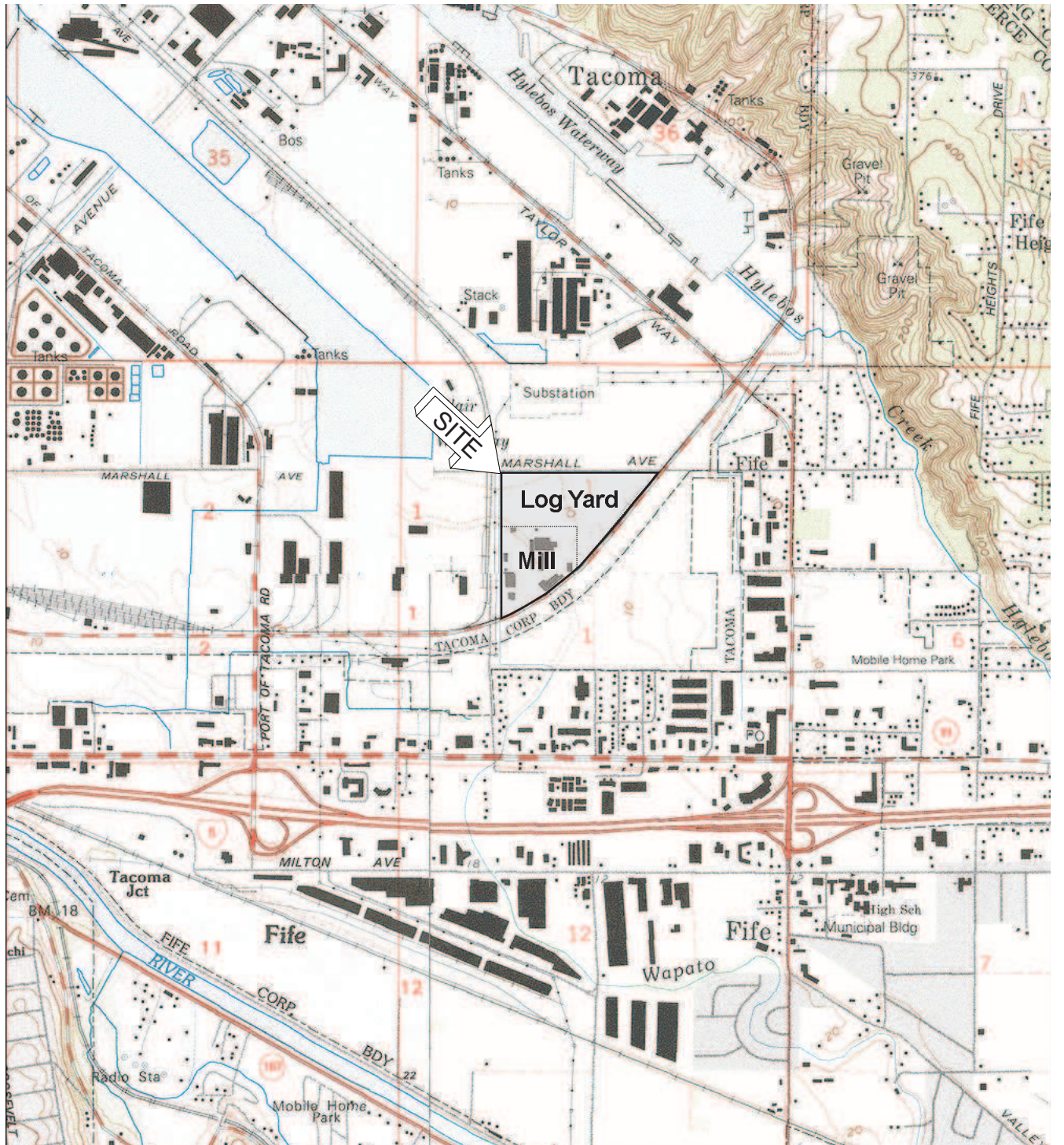
² - MTCA Method A groundwater cleanup criteria for gasoline range organics where no benzene has been detected in groundwater. Other criteria apply if benzene is present.

Volatile organic compounds by EPA Method 8260C.

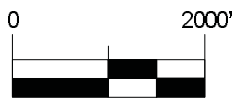
Total Petroleum Hydrocarbons in the gasoline range analyzed by method NWTPH-G.

Total Petroleum Hydrocarbons in the Diesel and Oil ranges analyzed by method NWTPH-D(extended).

Regulated metals by EPA Method 200.8, except mercury, by EPA Method 1631E.



North



Scale 1 : 24,000

From U.S.G.S.

Figure 1 - Site Location Map

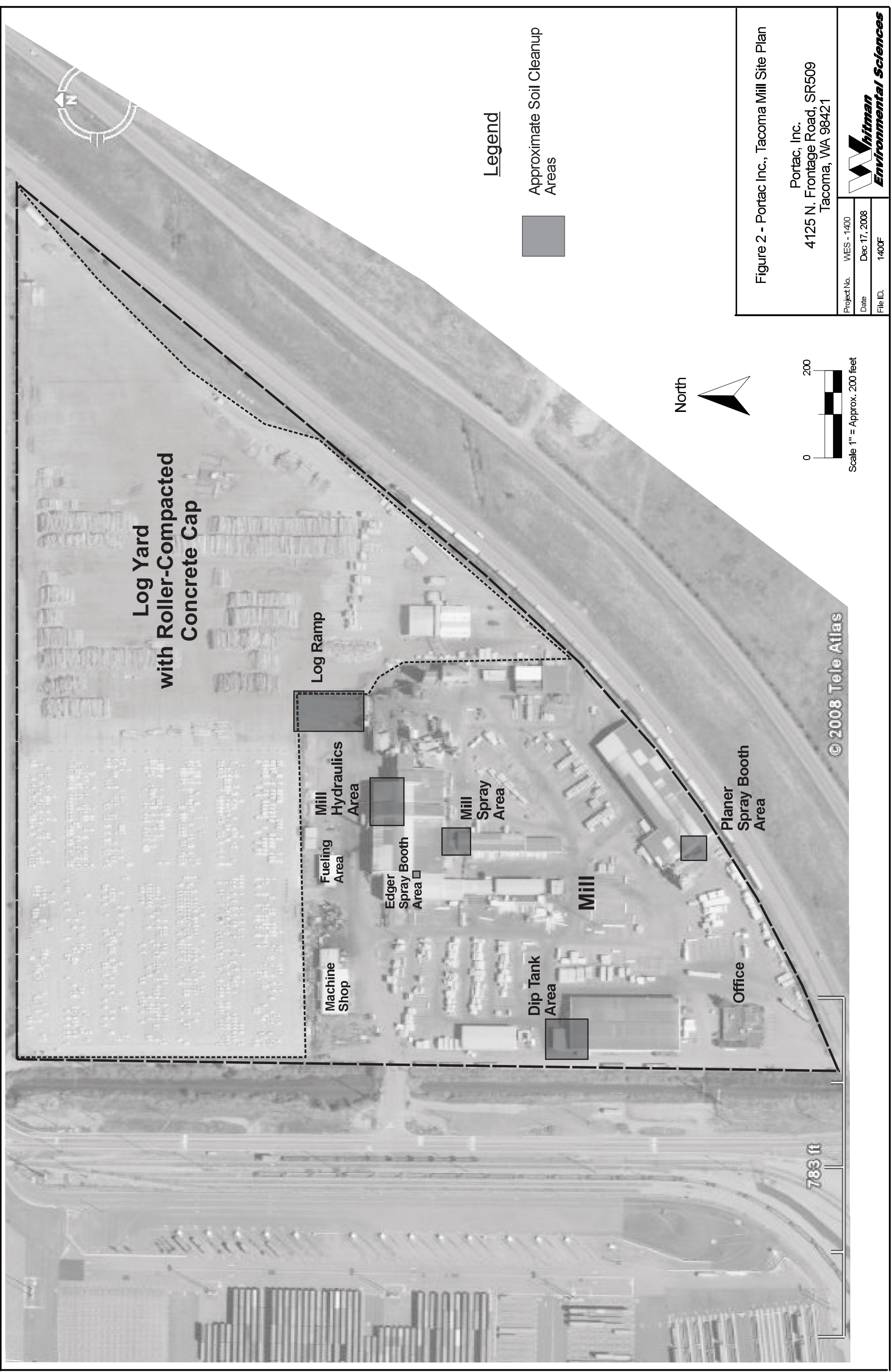
Portac, Inc. Mill and Log Yard
 4215 North Frontage Road, SR509
 Tacoma, Washington 98421

Project No. WES - 1400

Date Nov 8, 2008

File ID. 1400F1





**Log Yard
with Roller-Compacted
Concrete Cap**

Log Ramp

**Mill
Hydraulics
Area**

**Fueling
Area**

**Machine
Shop**

**Edger
Spray Booth
Area**

**Mill
Spray
Area**

**Dip Tank
Area**

Mill

**Planer
Spray Booth
Area**

Office

783 ft

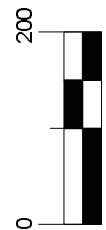
Legend



Approximate Soil Cleanup
Areas



North



Scale 1" = Approx. 200 feet

© 2008 Tele Atlas

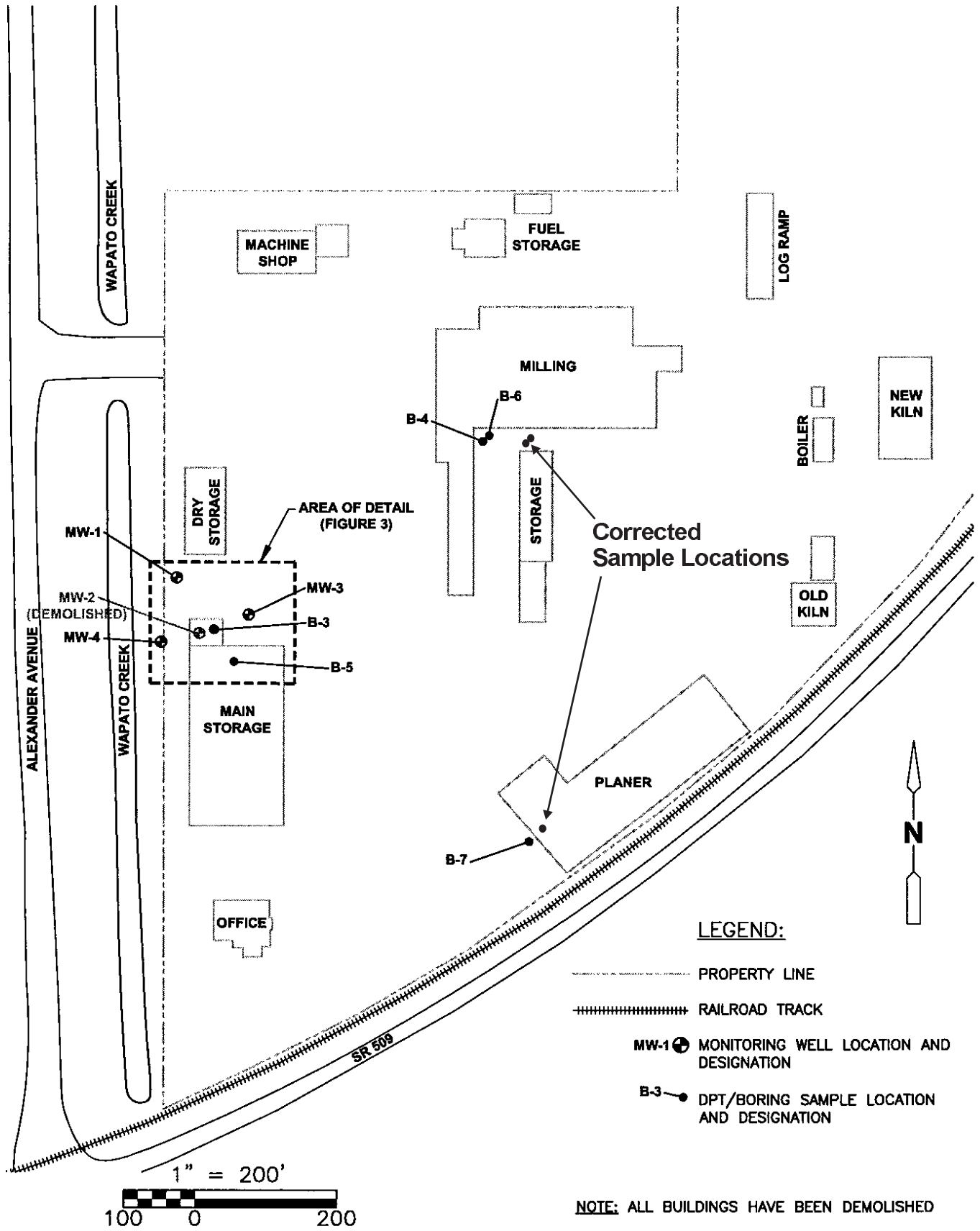
Figure 2 - Portac Inc., Tacoma Mill Site Plan

Portac, Inc.
4125 N. Frontage Road, SR509
Tacoma, WA 98421

Project No.	WES - 1400
Date	Dec 17, 2008
File ID.	1400F



P:\68338\65020\Fig-2 10/07/08 08:26 riehlepj XREFS: 8X11BDR

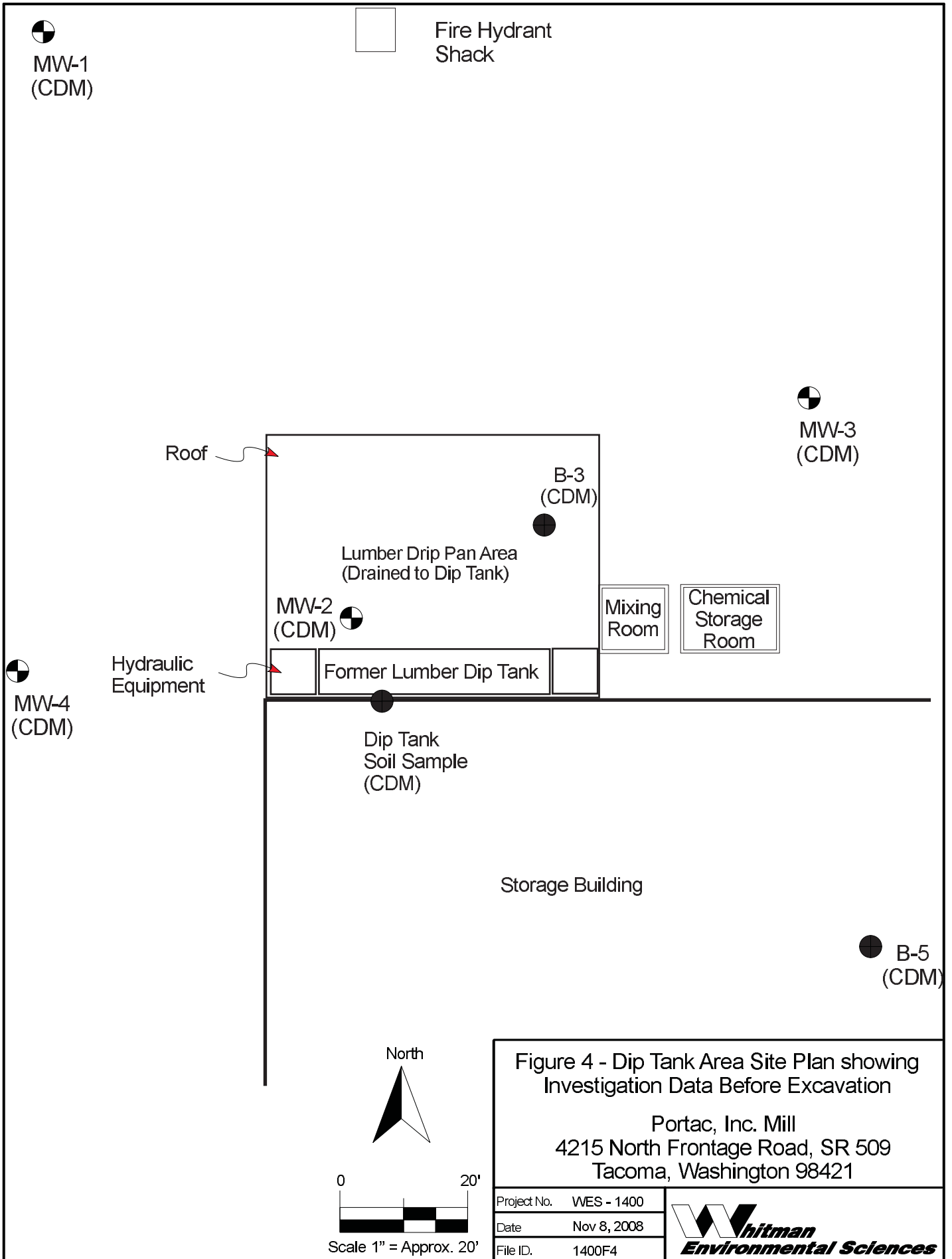


PORTAC LUMBER FACILITY
 SITE CLOSURE INVESTIGATION
 TACOMA, WASHINGTON

REVISED
 Figure No. 2
 Site Plan And
 Exploration Map

WES Figure 3





MW-1
(CDM)



Fire Hydrant
Shack



MW-3
(CDM)

Roof

B-3
(CDM)

Lumber Drip Pan Area
(Drained to Dip Tank)

MW-2
(CDM)

Mixing
Room

Chemical
Storage
Room

Hydraulic
Equipment

Former Lumber Dip Tank



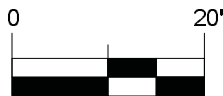
MW-4
(CDM)

Dip Tank
Soil Sample
(CDM)

Storage Building

B-5
(CDM)

North



Scale 1" = Approx. 20'

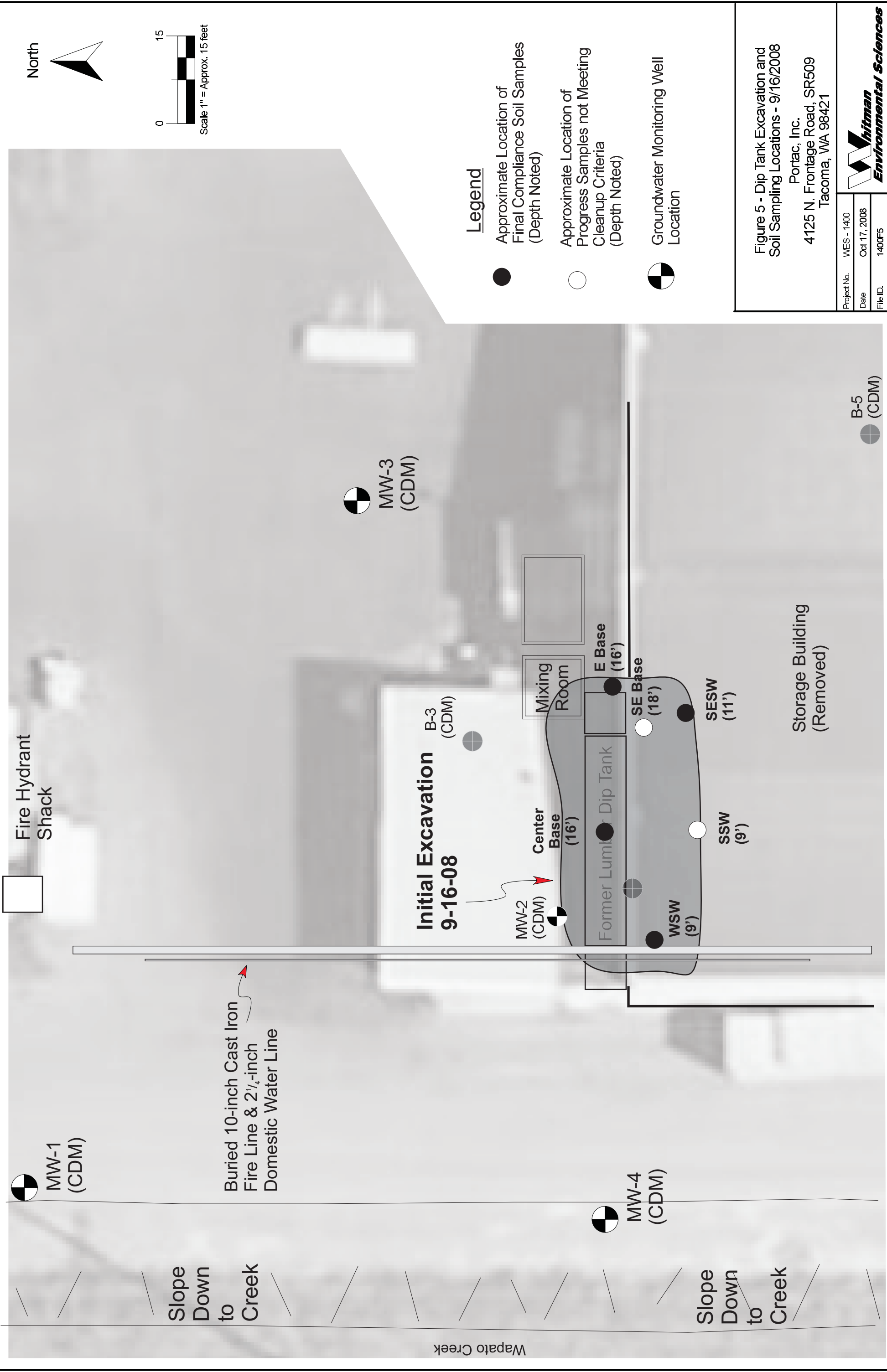
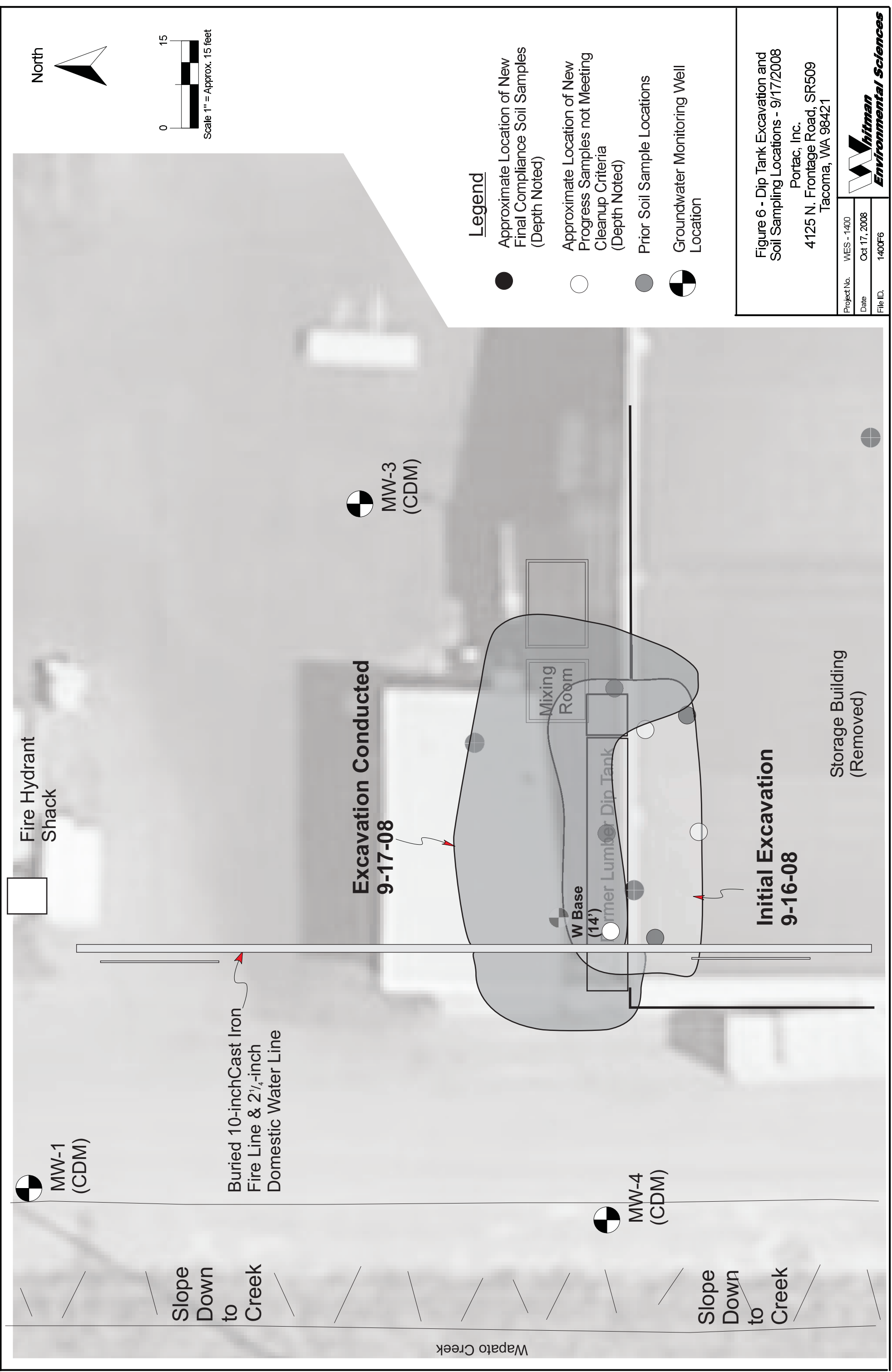


Figure 5 - Dip Tank Excavation and Soil Sampling Locations - 9/16/2008
 Portac, Inc.
 4125 N. Frontage Road, SR509
 Tacoma, WA 98421

Project No.	WES - 1400
Date	Oct 17, 2008
File ID.	1400F5



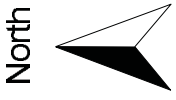


Legend

- Approximate Location of New Final Compliance Soil Samples (Depth Noted)
- Approximate Location of New Progress Samples not Meeting Cleanup Criteria (Depth Noted)
- Prior Soil Sample Locations
- ◐ Groundwater Monitoring Well Location

Figure 6 - Dip Tank Excavation and Soil Sampling Locations - 9/17/2008
 Portac, Inc.
 4125 N. Frontage Road, SR509
 Tacoma, WA 98421

Project No.	WES - 1400
Date	Oct 17, 2008
File ID.	1400F6



Slope Down to Creek

Wapato Creek

Slope Down to Creek

MW-1 (CDM)

Buried 10-inch Cast Iron Fire Line & 2 1/4-inch Domestic Water Line

Fire Hydrant Shack

Excavation Conducted 9-18 & 19-08

WSW-20N (11')

NSW 10' EFL (12')

W BASE 10N (16')

BASE 15N/20E (16')

NSW-Center (12')

WSW-TANK (10')

MW-4 (CDM)

MW-3 (CDM)

Mixing Room

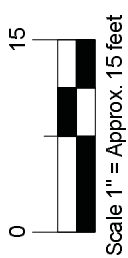
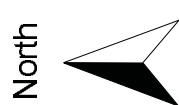
Former Lumber Dip Tank

SE BASE REX (18')

Excavations Conducted 9-18-08

SSW REX (11')

Storage Building (Removed)



Legend

- Approximate Location of New Final Compliance Soil Samples (Depth Noted)
- Prior Soil Sample Locations
- Prior Progress Samples not Meeting Cleanup Criteria (Depth Noted)
- ⊗ Groundwater Monitoring Well Location

Figure 7 - Dip Tank Excavation and Soil Sampling Locations - 9/18 to 19/2008

Portac, Inc.
4125 N. Frontage Road, SR509
Tacoma, WA 98421

Project No.	WES - 1400
Date	Dec 17, 2008
File ID.	1400F7



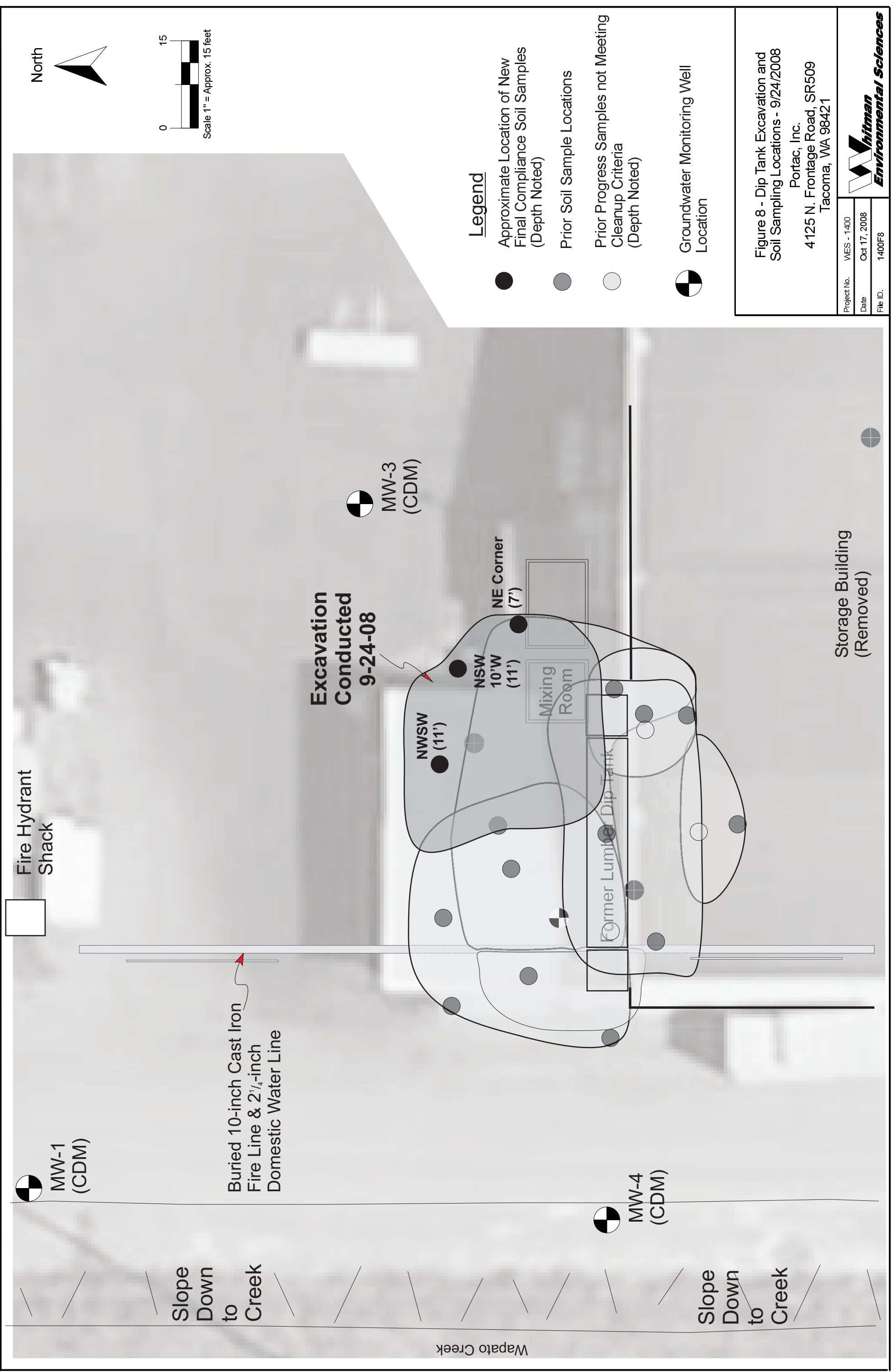


Figure 8 - Dip Tank Excavation and Soil Sampling Locations - 9/24/2008
 Portac, Inc.
 4125 N. Frontage Road, SR509
 Tacoma, WA 98421

Project No.	WES - 1400
Date	Oct 17, 2008
File ID.	1400F8



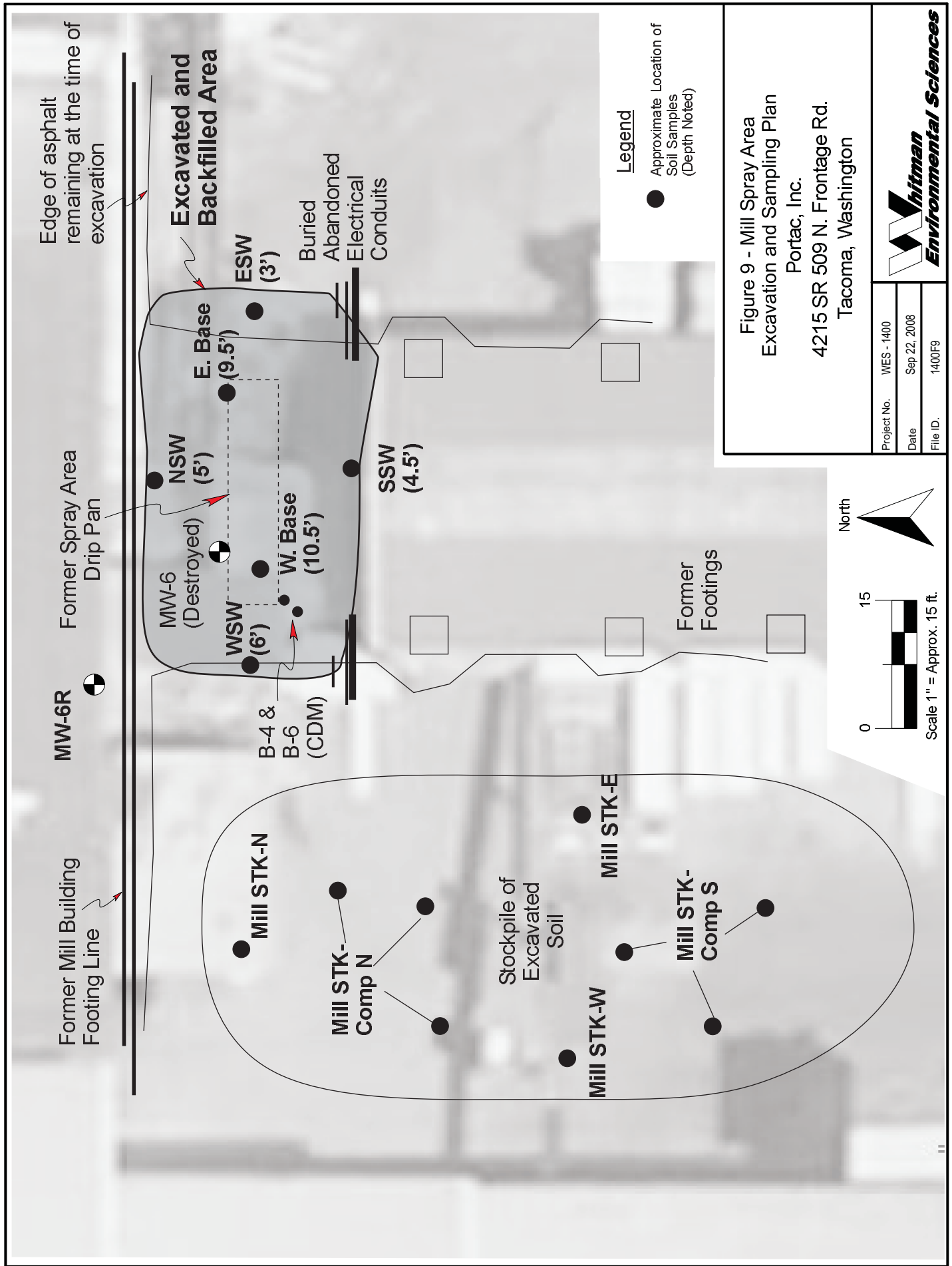
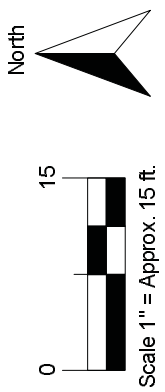
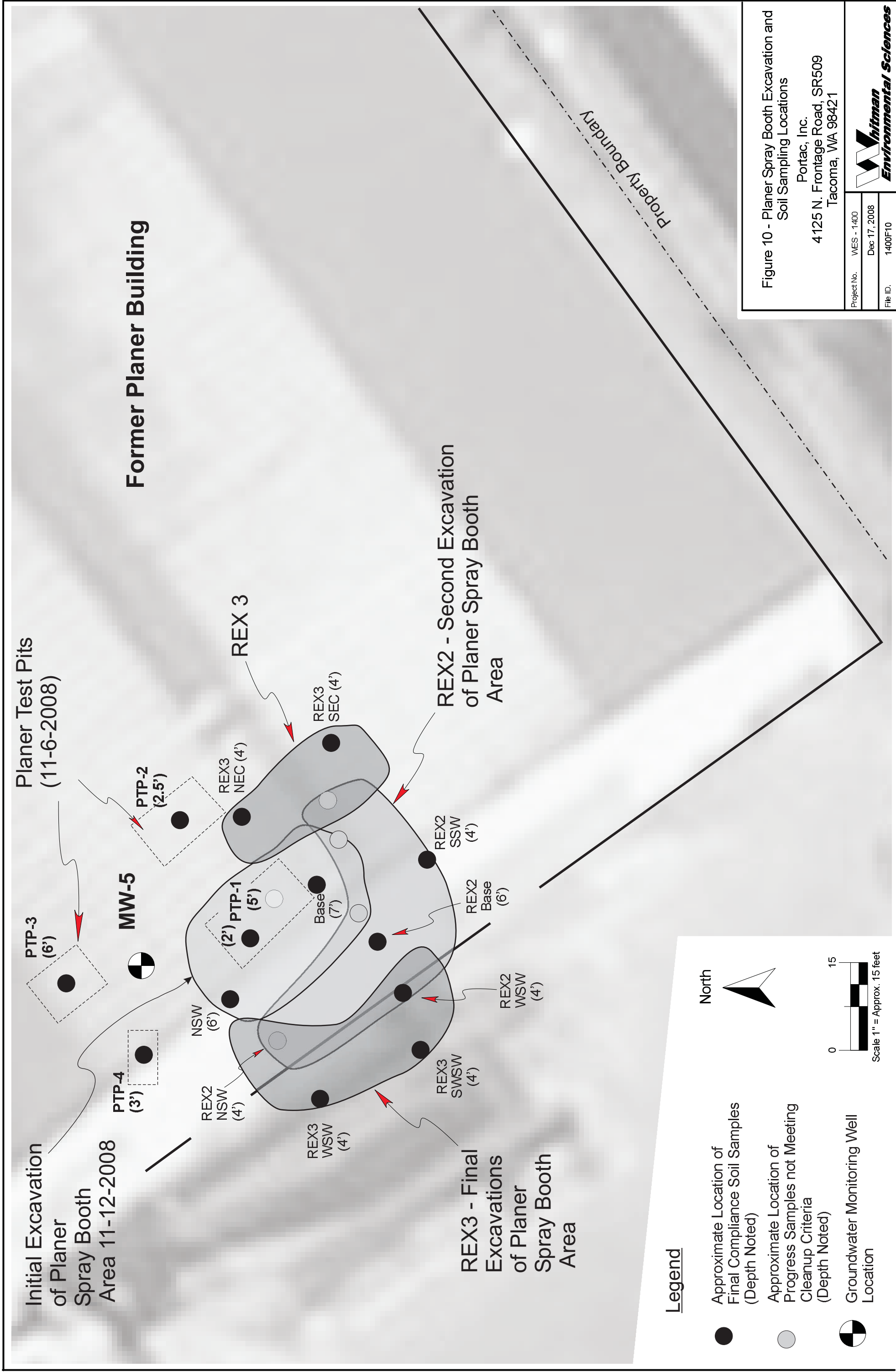


Figure 9 - Mill Spray Area
Excavation and Sampling Plan
Portac, Inc.
4215 SR 509 N. Frontage Rd.
Tacoma, Washington

Project No.	WES - 1400
Date	Sep 22, 2008
File ID.	1400F9





Legend

- Approximate Location of Final Compliance Soil Samples (Depth Noted)
- Approximate Location of Progress Samples not Meeting Cleanup Criteria (Depth Noted)
- ⊗ Groundwater Monitoring Well Location

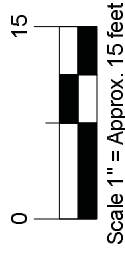
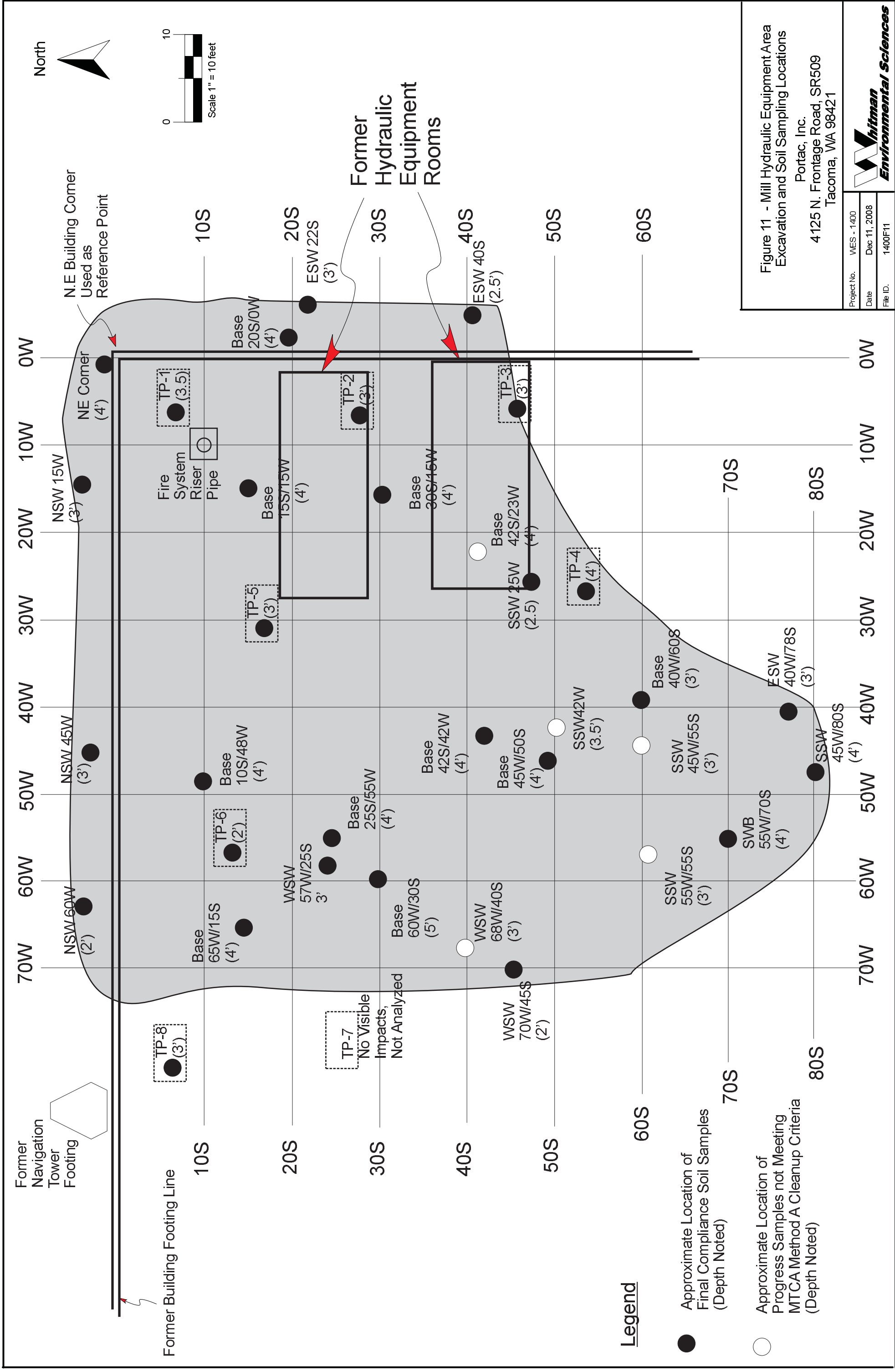
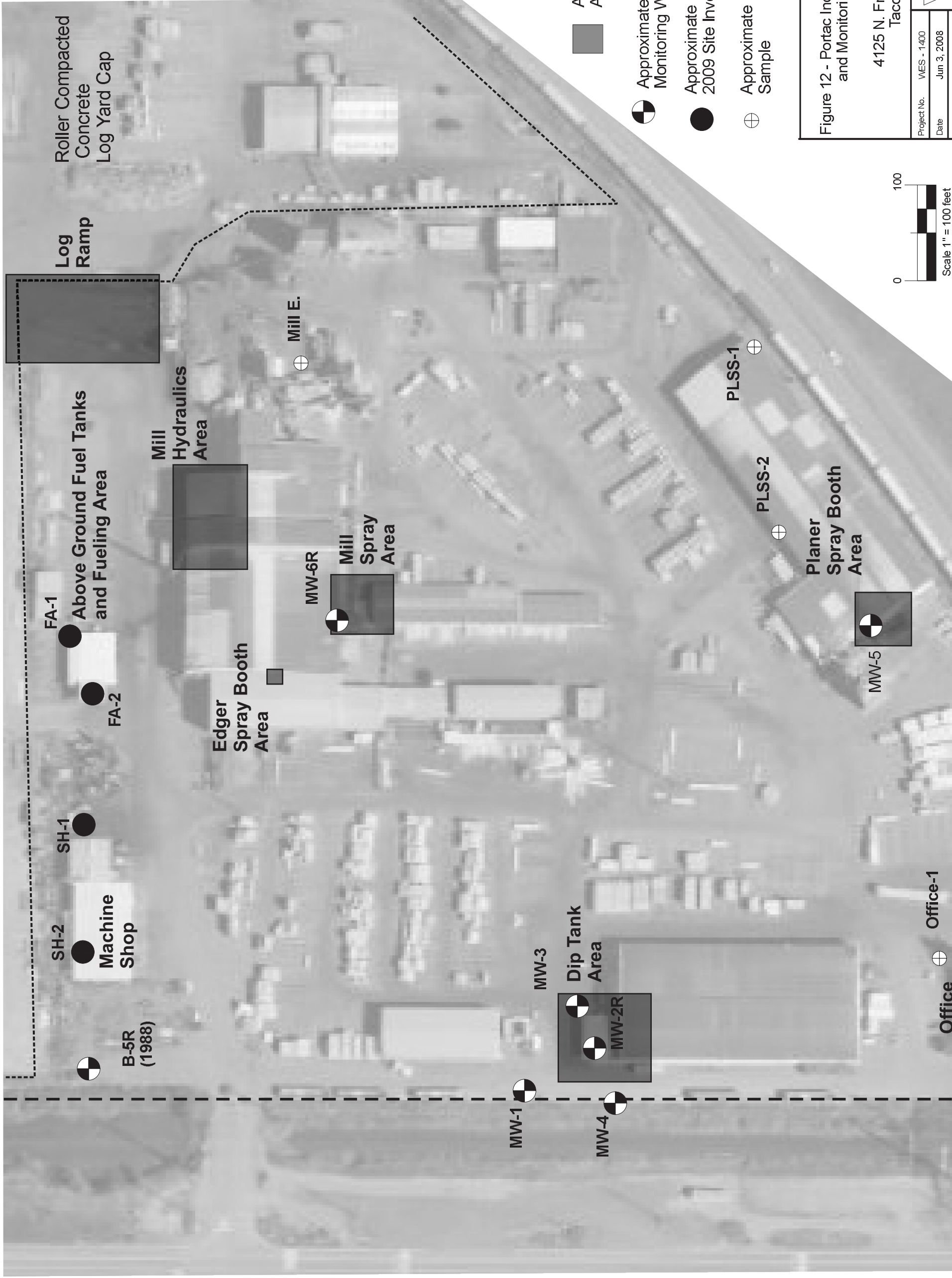


Figure 10 - Planer Spray Booth Excavation and Soil Sampling Locations
 Portac, Inc.
 4125 N. Frontage Road, SR509
 Tacoma, WA 98421





Project No.	WES - 1400
Dec 17, 2008	
File ID.	1400F10







Legend

-  Approximate Soil Cleanup Areas
-  Approximate Location of Monitoring Well
-  Approximate Location of Soil Boring for 2009 Site Investigation
-  Approximate Location of Shallow Soil Sample

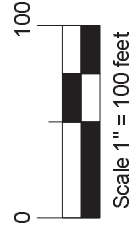
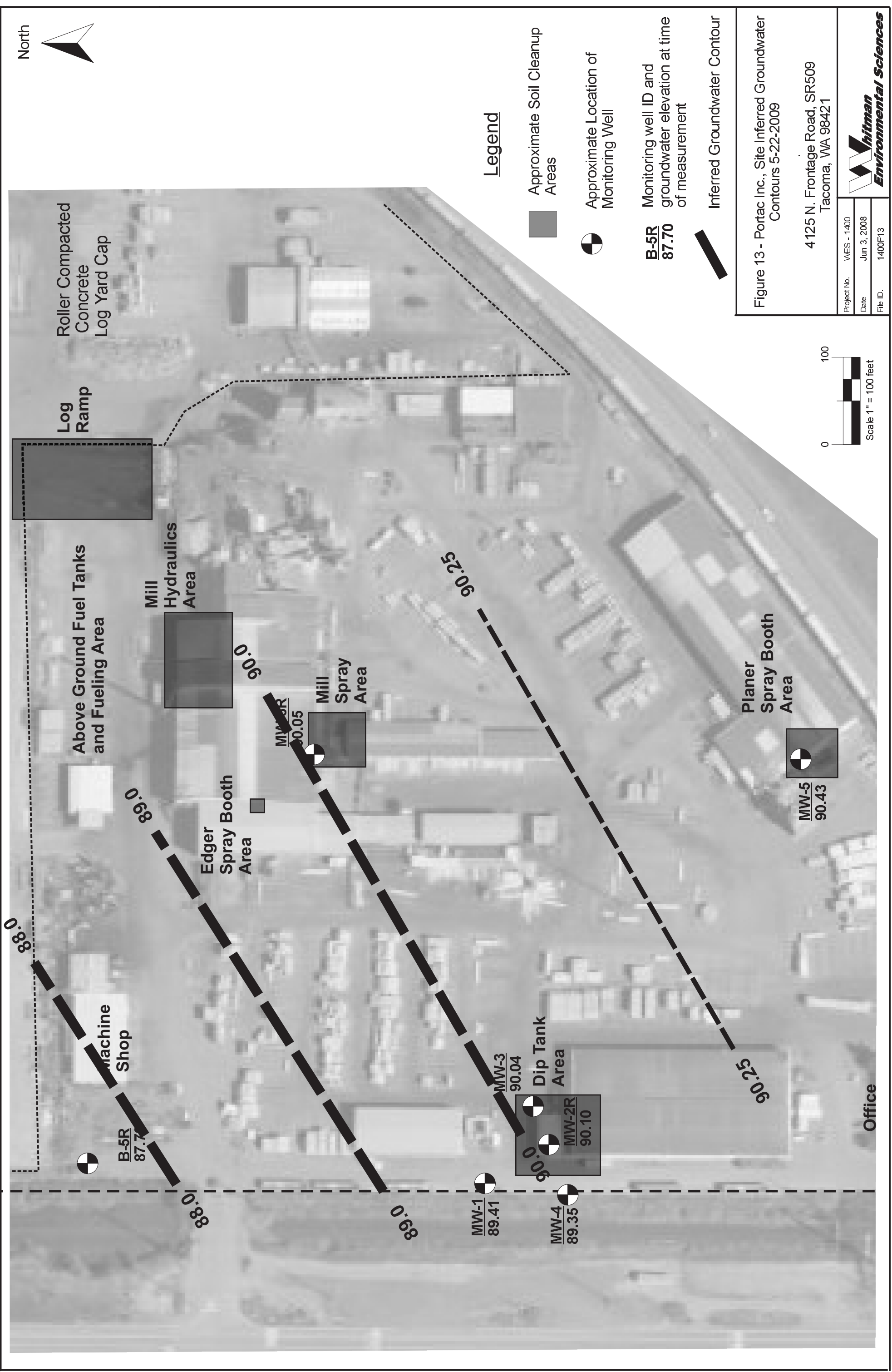


Figure 12 - Portac Inc., Site Investigation Sampling and Monitoring Well Location Plan

4125 N. Frontage Road, SR509
Tacoma, WA 98421

Project No.	WES - 1400
Date	Jun 3, 2008
File ID.	1400F13





Legend

- Approximate Soil Cleanup Areas
- Approximate Location of Monitoring Well
- B-5R**
87.70
Monitoring well ID and groundwater elevation at time of measurement
- Inferred Groundwater Contour

Figure 13 - Portac Inc., Site Inferred Groundwater Contours 5-22-2009

4125 N. Frontage Road, SR509
Tacoma, WA 98421

Project No.	WES - 1400
Date	Jun 3, 2008
File ID.	1400F13



Scale 1" = 100 feet

APPENDIX A

Site Excavation Photographs



1. View of the lumber dip tank after removing the storage building and hydraulic equipment. The sidewalls of the steel tank were folded in, exposing the adjacent soil.



2. View of the trackhoe removing the concrete floor slabs adjacent to the dip tank. The underlying soil was discolored and gave off chemical odors.



3. View of the hydraulic equipment foundation at the east end of the dip tank, where discolored soil was encountered.



4. View of the initial excavation along the south side of the dip tank, exposing the insulated concrete slab beneath the tank and underlying discolored soil.



5. View while excavating near the southwestern corner of the tank, where the 10" fire system water line was encountered. The fire line is visible in the sidewall, below the worker.



6. View of the trackhoe removing the steel dip tank from the excavation.



7. View of the trackhoe removing the concrete slab found under the dip tank.



8. View of the exposed fire line and hydraulic equipment foundation at the western end of the dip tank.



9. View of the dip tank excavation on September 17th, from the north side facing south. Soil from beneath the tank had already been removed from the central part of the excavation. Backfill material had already been placed beneath the fire line in the southwestern corner of the pit. Some limited groundwater seepage had accumulated.



10. View of the trackhoe excavating oily soil from the area to the west of the fire line.



11. View of the excavation west of the fire line, which remained unsupported during the digging.



12. View of the dip tank excavation from the northwest corner, facing southeast. The southeastern base and sidewalls were excavated further on September 19th, after sampling results were received.



13. View of the north side of the dip tank excavation at near the final dimensions on September 24th.



14. View of the front end loader moving the stockpiled waste soil into windrows.



15. View of the dip tank area waste soil in windrows for characterization.



16. View of the vacuum truck pumping the accumulated groundwater from the dip tank excavation.



17. View of the front-end loader backfilling the excavation.



18. View of the trackhoe loading trucks for disposal on December 5th, 2008. The soil was hauled to the U. S. Ecology landfill in Grand View, Idaho.



19. View of the beginning of the sawmill spray booth area excavation.



20. View facing west, of the excavated sawmill spray booth excavation at approximately the final dimensions. Visquene covered stockpile is soil excavated from this area.



21. View of the sawmill spray booth area excavation facing east.



22. View of the sawmill spray booth area excavation after removing accumulated groundwater and storm water on November 14th, 2008. The pit was backfilled using the stockpiled soil.



23. View of the initial test pits being dug on November 6th, 2008 in the planer spray booth area, near monitoring well MW-5.



24. Trackhoe conducting the first excavation (REX) in the planer spray booth area on November 12th.



25. View of the trackhoe conducting the second phase of excavation (REX2) at the planer spray booth area on November 17th. Digging was to the west and south of the initial excavation.



26. View of the trackhoe conducting the western part of the final phase of excavation (REX3) at the planer spray booth area on November 21st.



27. View of the stockpile of excavated soil from the planer spray booth area. The soil was not designated as dangerous waste and was approved by the TPCHD for disposal at the LRI landfill.



28. View of the trackhoe beginning excavation in the hydraulic equipment area of the sawmill.



29. View of the eastern end of the hydraulic area excavation after rain on November 11th. The tops of the wood pilings from the sawmill building are exposed.



30. View of the middle section of the hydraulic area excavation on November 11th.



31. View of additional excavation in the hydraulic area to the south and west on November 14th.



32. View of the western and southern parts of the hydraulic area excavation near its final dimensions on November 17th.



33. View of the stockpiled soil from the hydraulic area excavation. All soil from the digging was trucked to the LRI landfill for disposal.

APPENDIX B

Laboratory Analytical Reports

Dip Tank Excavation Samples

ANALYTICAL REPORT

Job Number: 580-11271-1

Job Description: Portac DIP Tank

For:

Whitman Environmental Sciences
5508 35th Ave NE
Seattle, WA 98105
Attention: Dan Whitman



Heather Curbow
Project Manager I
heather.curbow@testamericainc.com
09/19/2008

TestAmerica Tacoma is a part of TestAmerica Laboratories, Inc.

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

TestAmerica Laboratories, Inc.

TestAmerica Tacoma 5755 8th Street East, Tacoma, WA 98424
Tel (253) 922-2310 Fax (253) 922-5047 www.testamericainc.com



EXECUTIVE SUMMARY - Detections

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
580-11271-2 Pentachlorophenol	DT-SSW-9	7300	640	ug/Kg	8270C
580-11271-4 Pentachlorophenol	DT-SE BASE-18	6600	670	ug/Kg	8270C

METHOD SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAC	SW846 8270C	
Ultrasonic Extraction	TAL TAC		SW846 3550B
Northwest - Semi-Volatile Petroleum Products (GC)	TAL TAC	NWTPH NWTPH-Dx	
Ultrasonic Extraction	TAL TAC		SW846 3550B

Lab References:

TAL TAC = TestAmerica Tacoma

Method References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-11271-1	DT-SESW-11	Solid	09/16/2008 0000	09/16/2008 1620
580-11271-2	DT-SSW-9	Solid	09/16/2008 0000	09/16/2008 1620
580-11271-3	DT-WSW-9	Solid	09/16/2008 0000	09/16/2008 1620
580-11271-4	DT-SE BASE-18	Solid	09/16/2008 0000	09/16/2008 1620
580-11271-5	DT-CEPTER BASE-16	Solid	09/16/2008 0000	09/16/2008 1620
580-11271-6	DT- E BASE-16	Solid	09/16/2008 0000	09/16/2008 1620

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-SESW-11

Lab Sample ID: 580-11271-1

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 24.4

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36150	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09926.D
Dilution:	1.0		Initial Weight/Volume:	10.0326 g
Date Analyzed:	09/18/2008 1739		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		130
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		114		36 - 145
Phenol-d5		101		38 - 149
2,4,6-Tribromophenol		91		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-SSW-9

Lab Sample ID: 580-11271-2

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 21.9

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36214	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09942.D
Dilution:	5.0		Initial Weight/Volume:	10.0075 g
Date Analyzed:	09/19/2008 0825		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		7300		640
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		1	X	36 - 145
Phenol-d5		89		38 - 149
2,4,6-Tribromophenol		80		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-WSW-9

Lab Sample ID: 580-11271-3

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 24.8

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36150	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09928.D
Dilution:	1.0		Initial Weight/Volume:	9.9882 g
Date Analyzed:	09/18/2008 1818		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		130
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		118		36 - 145
Phenol-d5		120		38 - 149
2,4,6-Tribromophenol		104		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-SE BASE-18

Lab Sample ID: 580-11271-4

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 25.9

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36214	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09943.D
Dilution:	5.0		Initial Weight/Volume:	10.0472 g
Date Analyzed:	09/19/2008 0845		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		6600		670
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		2	X	36 - 145
Phenol-d5		103		38 - 149
2,4,6-Tribromophenol		76		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-CEPTER BASE-16

Lab Sample ID: 580-11271-5

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 29.3

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36150	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09930.D
Dilution:	1.0		Initial Weight/Volume:	10.0282 g
Date Analyzed:	09/18/2008 1858		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		140
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		109		36 - 145
Phenol-d5		101		38 - 149
2,4,6-Tribromophenol		92		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT- E BASE-16

Lab Sample ID: 580-11271-6

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 22.7

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36150	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09931.D
Dilution:	1.0		Initial Weight/Volume:	10.0368 g
Date Analyzed:	09/18/2008 1917		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		130
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		110		36 - 145
Phenol-d5		103		38 - 149
2,4,6-Tribromophenol		87		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-SESW-11

Lab Sample ID: 580-11271-1

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 24.4

Date Received: 09/16/2008 1620

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36219

Instrument ID: SEA016

Preparation: 3550B

Prep Batch: 580-36128

Lab File ID: EP25108.D

Dilution: 1.0

Initial Weight/Volume: 10.0410 g

Date Analyzed: 09/18/2008 1914

Final Weight/Volume: 10 mL

Date Prepared: 09/17/2008 1250

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		ND		33
Motor Oil (>C24-C36)		ND		66

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	71	50 - 150

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-SSW-9

Lab Sample ID: 580-11271-2

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 21.9

Date Received: 09/16/2008 1620

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36219

Instrument ID: SEA016

Preparation: 3550B

Prep Batch: 580-36128

Lab File ID: EP25109.D

Dilution: 1.0

Initial Weight/Volume: 10.0336 g

Date Analyzed: 09/18/2008 1935

Final Weight/Volume: 10 mL

Date Prepared: 09/17/2008 1250

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		ND		32
Motor Oil (>C24-C36)		ND		64
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		59		50 - 150

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Client Sample ID: DT-WSW-9

Lab Sample ID: 580-11271-3

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 24.8

Date Received: 09/16/2008 1620

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36219

Instrument ID: SEA016

Preparation: 3550B

Prep Batch: 580-36128

Lab File ID: EP25110.D

Dilution: 1.0

Initial Weight/Volume: 10.0353 g

Date Analyzed: 09/18/2008 1955

Final Weight/Volume: 10 mL

Date Prepared: 09/17/2008 1250

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		ND		33
Motor Oil (>C24-C36)		ND		66
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		105		50 - 150

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Method Blank - Batch: 580-36136

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-36136/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1659
Date Prepared: 09/17/2008 1420

Analysis Batch: 580-36150
Prep Batch: 580-36136
Units: ug/Kg

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09924.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Pentachlorophenol	ND		100
Surrogate	% Rec	Acceptance Limits	
2-Fluorophenol	89	36 - 145	
Phenol-d5	80	38 - 149	
2,4,6-Tribromophenol	62	28 - 143	

Lab Control Spike - Batch: 580-36136

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 580-36136/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1719
Date Prepared: 09/17/2008 1420

Analysis Batch: 580-36150
Prep Batch: 580-36136
Units: ug/Kg

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09925.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	1000	1160	116	29 - 124	
Surrogate			% Rec	Acceptance Limits	
2-Fluorophenol			108	36 - 145	
Phenol-d5			102	38 - 149	
2,4,6-Tribromophenol			105	28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Method Blank - Batch: 580-36128

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: MB 580-36128/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1826
Date Prepared: 09/17/2008 1250

Analysis Batch: 580-36219
Prep Batch: 580-36128
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP25106.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Result	Qual	RL
#2 Diesel (C10-C24)	ND		25
Motor Oil (>C24-C36)	ND		50
Surrogate	% Rec		Acceptance Limits
o-Terphenyl	98		50 - 150

Lab Control Spike - Batch: 580-36128

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: LCS 580-36128/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1848
Date Prepared: 09/17/2008 1250

Analysis Batch: 580-36219
Prep Batch: 580-36128
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP25107.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
#2 Diesel (C10-C24)	501	451	90	70 - 125	
Motor Oil (>C24-C36)	500	577	115	64 - 127	
Surrogate		% Rec		Acceptance Limits	
o-Terphenyl		100		50 - 150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Whitman Environmental Sciences

Job Number: 580-11271-1

Lab Section	Qualifier	Description
GC/MS Semi VOA	X	Surrogate exceeds the control limits

Client: WILSON ENV SERVICES Date: 9-16-08 Chain of Custody Number: 2778
 Address: 5508 35th Ave NE Lab Number: 11271 Page of
 City: SEATac State: WA Zip Code: 98115 Site Contact: Lab Contact:
 Project Name and Location (State): SEASIDE ZIP TANK Carrier/Waybill Number:
 Contract/Purchase Order/Quote No.:

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives				Special Instructions/ Conditions of Receipt		
			Air	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH		ZnAc/ NaOH	
1 117-SESD-11	9-16-08				X	X							
2 " - SSD-9	"				X	X							
3 " - QSD-9	"				X	X							
4 " - SE BASE-18	"				X	X							
5 " CENTER BASE-16	"				X	X							
6 " E BASE-16	"				X	X							

Project Manager: Telephone Number (Area Code)/Fax Number:
 Project Manager Signature:
 Date: 9-16-08 Time: 16:20 pm
 Analysis (Attach list if more space is needed):
 Sample Disposal: Return To Client Disposal By Lab Archive For Months
 Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown
 Cooler: Yes No Cooler Temp:
 Turn Around Time Required (business days): 24 Hours 48 Hours 5 Days 10 Days 15 Days Other
 Relinquished By: Date: 9-16-08 Time: 4:15
 Relinquished By: Date: Time:
 Relinquished By: Date: Time:
 Comments:
 QC Requirements (Specify):
 1. Received By: J. Harding Date: 9-16-08 Time: 16:20 pm
 2. Received By: Date: Time:
 3. Received By: Date: Time:

ANALYTICAL REPORT

Job Number: 580-11289-1

Job Description: Portac DIP Tank

For:

Whitman Environmental Sciences
5508 35th Ave NE
Seattle, WA 98105
Attention: Dan Whitman



Heather Curbow
Project Manager I
heather.curbow@testamericainc.com
09/19/2008

TestAmerica Tacoma is a part of TestAmerica Laboratories, Inc.

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

TestAmerica Laboratories, Inc.

TestAmerica Tacoma 5755 8th Street East, Tacoma, WA 98424
Tel (253) 922-2310 Fax (253) 922-5047 www.testamericainc.com



EXECUTIVE SUMMARY - Detections

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
580-11289-1	DT-W BASE-14'				
#2 Diesel (C10-C24)		430	34	mg/Kg	NWTPH-Dx
Motor Oil (>C24-C36)		3000	67	mg/Kg	NWTPH-Dx

METHOD SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAC	SW846 8270C	
Ultrasonic Extraction	TAL TAC		SW846 3550B
Northwest - Semi-Volatile Petroleum Products (GC)	TAL TAC	NWTPH NWTPH-Dx	
Ultrasonic Extraction	TAL TAC		SW846 3550B

Lab References:

TAL TAC = TestAmerica Tacoma

Method References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-11289-1	DT-W BASE-14'	Solid	09/17/2008 1410	09/17/2008 1535

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Client Sample ID: DT-W BASE-14'

Lab Sample ID: 580-11289-1

Date Sampled: 09/17/2008 1410

Client Matrix: Solid

% Moisture: 26.9

Date Received: 09/17/2008 1535

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36150	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36157	Lab File ID:	AT09921.D
Dilution:	1.0		Initial Weight/Volume:	10.0617 g
Date Analyzed:	09/18/2008 1600		Final Weight/Volume:	10 mL
Date Prepared:	09/18/2008 0928		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		140
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		115		36 - 145
Phenol-d5		103		38 - 149
2,4,6-Tribromophenol		95		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Client Sample ID: DT-W BASE-14'

Lab Sample ID: 580-11289-1

Date Sampled: 09/17/2008 1410

Client Matrix: Solid

% Moisture: 26.9

Date Received: 09/17/2008 1535

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36206

Instrument ID: SEA013

Preparation: 3550B

Prep Batch: 580-36155

Lab File ID: FA35908.D

Dilution: 1.0

Initial Weight/Volume: 10.1623 g

Date Analyzed: 09/18/2008 1443

Final Weight/Volume: 10 mL

Date Prepared: 09/18/2008 0918

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		430		34
Motor Oil (>C24-C36)		3000		67
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		85		50 - 150

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Method Blank - Batch: 580-36157

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-36157/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1521
Date Prepared: 09/18/2008 0928

Analysis Batch: 580-36150
Prep Batch: 580-36157
Units: ug/Kg

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09919.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Pentachlorophenol	ND		100
Surrogate	% Rec	Acceptance Limits	
2-Fluorophenol	103	36 - 145	
Phenol-d5	90	38 - 149	
2,4,6-Tribromophenol	78	28 - 143	

Lab Control Spike - Batch: 580-36157

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 580-36157/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1540
Date Prepared: 09/18/2008 0928

Analysis Batch: 580-36150
Prep Batch: 580-36157
Units: ug/Kg

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09920.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	1000	846	85	29 - 124	
Surrogate			% Rec	Acceptance Limits	
2-Fluorophenol			102	36 - 145	
Phenol-d5			93	38 - 149	
2,4,6-Tribromophenol			96	28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-36157**

**Method: 8270C
Preparation: 3550B**

MS Lab Sample ID: 580-11289-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1620
Date Prepared: 09/18/2008 0928

Analysis Batch: 580-36150
Prep Batch: 580-36157

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09922.D
Initial Weight/Volume: 10.0070 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

MSD Lab Sample ID: 580-11289-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1639
Date Prepared: 09/18/2008 0928

Analysis Batch: 580-36150
Prep Batch: 580-36157

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09923.D
Initial Weight/Volume: 10.3889 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Pentachlorophenol	89	91	29 - 124	2	68		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
2-Fluorophenol		109	114			36 - 145	
Phenol-d5		99	111			38 - 149	
2,4,6-Tribromophenol		105	104			28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Method Blank - Batch: 580-36155

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: MB 580-36155/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1358
Date Prepared: 09/18/2008 0918

Analysis Batch: 580-36206
Prep Batch: 580-36155
Units: mg/Kg

Instrument ID: SEA013
Lab File ID: FA35906.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Result	Qual	RL
#2 Diesel (C10-C24)	ND		25
Motor Oil (>C24-C36)	ND		50
Surrogate	% Rec		Acceptance Limits
o-Terphenyl	89		50 - 150

Lab Control Spike - Batch: 580-36155

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: LCS 580-36155/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1418
Date Prepared: 09/18/2008 0918

Analysis Batch: 580-36206
Prep Batch: 580-36155
Units: mg/Kg

Instrument ID: SEA013
Lab File ID: FA35907.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
#2 Diesel (C10-C24)	501	490	98	70 - 125	
Motor Oil (>C24-C36)	500	464	93	64 - 127	
Surrogate		% Rec		Acceptance Limits	
o-Terphenyl		101		50 - 150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11289-1

Duplicate - Batch: 580-36155

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: 580-11289-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1504
Date Prepared: 09/18/2008 0918

Analysis Batch: 580-36206
Prep Batch: 580-36155
Units: mg/Kg

Instrument ID: SEA013
Lab File ID: FA35909.D
Initial Weight/Volume: 10.1307 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
#2 Diesel (C10-C24)	430	144	99	35	F
Motor Oil (>C24-C36)	3000	1020	99	35	F
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	86		50 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tacoma
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

Chain of Custody Record

Client: William E. Sanders Project Manager: Tom Williams Date: 9-17-08 Chain of Custody Number: 2783

Address: 5508 35th Ave NE Telephone Number (Area Code)/Fax Number: _____

City: Seattle State: WA Zip Code: 98105 Lab Number: 11289 Page of

Project Name and Location (State): PERM TIP TRUCK Carrier/Manifest Number: _____

Contract/Purchase Order/Quote No.: 285-1400

Sample I.D. and Location/Description (Containers for each sample may be combined on one line): OT-02, BASS-14' Date: 9-17 Time: 2:10

Matrix: X Air Aqueous Sed. Soil Unpres. X H2SO4 HNO3 HCl NaOH ZnAc/NaOH

Containers & Preservatives: X PERM HAZARDOUS X NOT PH-TOX

Analysis (Attach list if more space is needed): _____

Special Instructions/Conditions of Receipt: _____

Turn Around Time Required (business days)	Possible Hazard Identification	QC Requirements (Specify)	Sample Disposal	Disposal By Lab	Months	(A fee may be assessed if samples are retained longer than 1 month)
<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> 15 Days <input type="checkbox"/> Other _____	<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	_____	<input type="checkbox"/> Return To Client <input type="checkbox"/> Archive For _____	_____	_____	_____

1. Relinquished By: [Signature] Date: 9-17 Time: 3:30

2. Relinquished By: [Signature] Date: _____ Time: _____

3. Relinquished By: _____ Date: _____ Time: _____

Comments: _____

Cooler: Yes No Cooler Temp: _____

QC Requirements (Specify): _____

1. Received By: [Signature] Date: 9/17/08 Time: 3:35pm

2. Received By: _____ Date: _____ Time: _____

3. Received By: _____ Date: _____ Time: _____

ANALYTICAL REPORT

Job Number: 580-11317-1

Job Description: Portac

For:

Whitman Environmental Services
5508 35th Ave NE
Suite 108
Seattle, WA 98105

Attention: Daniel Whitman



Approved for release.
Heather Curbow
Project Manager I
12/2/2008 12:19 PM

Heather Curbow
Project Manager I
heather.curbow@testamericainc.com
12/02/2008
Revision: 1

cc: Dan Whitman

TestAmerica Tacoma is a part of TestAmerica Laboratories, Inc.

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

TestAmerica Laboratories, Inc.

TestAmerica Tacoma 5755 8th Street East, Tacoma, WA 98424
Tel (253) 922-2310 Fax (253) 922-5047 www.testamericainc.com



EXECUTIVE SUMMARY - Detections

Client: Whitman Environmental Services

Job Number: 580-11317-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
580-11317-3 Pentachlorophenol	NSW-CENTER-12	150	120	ug/Kg	8270C
580-11317-4 Pentachlorophenol	NSW-10'E OF FL-12	1600	130	ug/Kg	8270C
#2 Diesel (C10-C24)		160	31	mg/Kg	NWTPH-Dx
Motor Oil (>C24-C36)		800	64	mg/Kg	NWTPH-Dx

METHOD SUMMARY

Client: Whitman Environmental Services

Job Number: 580-11317-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAC	SW846 8270C	
Ultrasonic Extraction	TAL TAC		SW846 3550B
Northwest - Semi-Volatile Petroleum Products (GC)	TAL TAC	NWTPH NWTPH-Dx	
Ultrasonic Extraction	TAL TAC		SW846 3550B

Lab References:

TAL TAC = TestAmerica Tacoma

Method References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Whitman Environmental Services

Job Number: 580-11317-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-11317-1	SSW-REX-11	Solid	09/19/2008 0000	09/19/2008 1450
580-11317-2	SE-BASE-REX-18	Solid	09/19/2008 0000	09/19/2008 1450
580-11317-3	NSW-CENTER-12	Solid	09/19/2008 0000	09/19/2008 1450
580-11317-4	NSW-10'E of FL-12	Solid	09/19/2008 0000	09/19/2008 1450
580-11317-5	WSW-12N-11	Solid	09/18/2008 0000	09/19/2008 1450
580-11317-6	WSW-TANK-10	Solid	09/18/2008 0000	09/19/2008 1450
580-11317-7	BASE-15N/20E	Solid	09/19/2008 0000	09/19/2008 1450
580-11317-8	W. BASE-10N-16	Solid	09/19/2008 0000	09/19/2008 1450

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: SSW-REX-11

Lab Sample ID: 580-11317-1

Date Sampled: 09/19/2008 0000

Client Matrix: Solid

% Moisture: 27.3

Date Received: 09/19/2008 1450

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36263	Instrument ID:	TAC023
Preparation:	3550B	Prep Batch: 580-36255	Lab File ID:	HP08683.D
Dilution:	1.0		Initial Weight/Volume:	10.1048 g
Date Analyzed:	09/22/2008 1236		Final Weight/Volume:	10 mL
Date Prepared:	09/22/2008 0832		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		140
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		93		36 - 145
Phenol-d5		95		38 - 149
2,4,6-Tribromophenol		91		28 - 143

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: SE-BASE-REX-18

Lab Sample ID: 580-11317-2

Date Sampled: 09/19/2008 0000

Client Matrix: Solid

% Moisture: 23.5

Date Received: 09/19/2008 1450

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 580-36263

Instrument ID: TAC023

Preparation: 3550B

Prep Batch: 580-36255

Lab File ID: HP08686.D

Dilution: 1.0

Initial Weight/Volume: 10.0761 g

Date Analyzed: 09/22/2008 1337

Final Weight/Volume: 10 mL

Date Prepared: 09/22/2008 0832

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		130
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		103		36 - 145
Phenol-d5		103		38 - 149
2,4,6-Tribromophenol		94		28 - 143

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: NSW-CENTER-12

Lab Sample ID: 580-11317-3

Date Sampled: 09/19/2008 0000

Client Matrix: Solid

% Moisture: 20.2

Date Received: 09/19/2008 1450

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36263	Instrument ID:	TAC023
Preparation:	3550B	Prep Batch: 580-36255	Lab File ID:	HP08687.D
Dilution:	1.0		Initial Weight/Volume:	10.7673 g
Date Analyzed:	09/22/2008 1357		Final Weight/Volume:	10 mL
Date Prepared:	09/22/2008 0832		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		150		120
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		96		36 - 145
Phenol-d5		107		38 - 149
2,4,6-Tribromophenol		94		28 - 143

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: NSW-10'E of FL-12

Lab Sample ID: 580-11317-4

Date Sampled: 09/19/2008 0000

Client Matrix: Solid

% Moisture: 23.6

Date Received: 09/19/2008 1450

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36263	Instrument ID: TAC023
Preparation:	3550B	Prep Batch: 580-36255	Lab File ID: HP08688.D
Dilution:	1.0		Initial Weight/Volume: 10.2476 g
Date Analyzed:	09/22/2008 1417		Final Weight/Volume: 10 mL
Date Prepared:	09/22/2008 0832		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		1600		130
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		95		36 - 145
Phenol-d5		106		38 - 149
2,4,6-Tribromophenol		94		28 - 143

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: NSW-10'E of FL-12

Lab Sample ID: 580-11317-4

Date Sampled: 09/19/2008 0000

Client Matrix: Solid

% Moisture: 23.6

Date Received: 09/19/2008 1450

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx Analysis Batch: 580-36264 Instrument ID: TAC013
Preparation: 3550B Prep Batch: 580-36256 Lab File ID: FA35929.D
Dilution: 1.0 Initial Weight/Volume: 10.2574 g
Date Analyzed: 09/22/2008 1301 Final Weight/Volume: 10 mL
Date Prepared: 09/22/2008 0835 Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil (>C24-C36)		800		64

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	98	50 - 150

Method: NWTPH-Dx Analysis Batch: 580-36365 Instrument ID: TAC013
Preparation: 3550B Prep Batch: 580-36374 Lab File ID: FA35953.D
Dilution: 1.0 Initial Weight/Volume: 10.7308 g
Date Analyzed: 09/25/2008 1719 Final Weight/Volume: 10 mL
Date Prepared: 09/25/2008 0955 Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		160		31

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: WSW-12N-11

Lab Sample ID: 580-11317-5

Date Sampled: 09/18/2008 0000

Client Matrix: Solid

% Moisture: 23.5

Date Received: 09/19/2008 1450

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36264

Instrument ID: TAC013

Preparation: 3550B

Prep Batch: 580-36256

Lab File ID: FA35930.D

Dilution: 1.0

Initial Weight/Volume: 10.0198 g

Date Analyzed: 09/22/2008 1321

Final Weight/Volume: 10 mL

Date Prepared: 09/22/2008 0835

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		ND	*	33
Motor Oil (>C24-C36)		ND		65

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	95	50 - 150

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: WSW-TANK-10

Lab Sample ID: 580-11317-6

Date Sampled: 09/18/2008 0000

Client Matrix: Solid

% Moisture: 26.1

Date Received: 09/19/2008 1450

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36264

Instrument ID: TAC013

Preparation: 3550B

Prep Batch: 580-36256

Lab File ID: FA35931.D

Dilution: 1.0

Initial Weight/Volume: 10.1111 g

Date Analyzed: 09/22/2008 1341

Final Weight/Volume: 10 mL

Date Prepared: 09/22/2008 0835

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		ND	*	33
Motor Oil (>C24-C36)		ND		67

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	93	50 - 150

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: **BASE-15N/20E**

Lab Sample ID: 580-11317-7

Date Sampled: 09/19/2008 0000

Client Matrix: Solid

% Moisture: 24.4

Date Received: 09/19/2008 1450

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36264

Instrument ID: TAC013

Preparation: 3550B

Prep Batch: 580-36256

Lab File ID: FA35932.D

Dilution: 1.0

Initial Weight/Volume: 10.7057 g

Date Analyzed: 09/22/2008 1402

Final Weight/Volume: 10 mL

Date Prepared: 09/22/2008 0835

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		ND	*	31
Motor Oil (>C24-C36)		ND		62
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		98		50 - 150

Analytical Data

Client: Whitman Environmental Services

Job Number: 580-11317-1

Client Sample ID: **W. BASE-10N-16**

Lab Sample ID: 580-11317-8

Date Sampled: 09/19/2008 0000

Client Matrix: Solid

% Moisture: 26.4

Date Received: 09/19/2008 1450

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36264

Instrument ID: TAC013

Preparation: 3550B

Prep Batch: 580-36256

Lab File ID: FA35934.D

Dilution: 1.0

Initial Weight/Volume: 10.9297 g

Date Analyzed: 09/22/2008 1442

Final Weight/Volume: 10 mL

Date Prepared: 09/22/2008 0835

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (C10-C24)		ND	*	31
Motor Oil (>C24-C36)		ND		62
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		105		50 - 150

DATA REPORTING QUALIFIERS

Client: Whitman Environmental Services

Job Number: 580-11317-1

Lab Section	Qualifier	Description
GC Semi VOA	*	LCS or LCSD exceeds the control limits

Quality Control Results

Client: Whitman Environmental Services

Job Number: 580-11317-1

Method Blank - Batch: 580-36255

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-36255/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2008 1156
Date Prepared: 09/22/2008 0832

Analysis Batch: 580-36263
Prep Batch: 580-36255
Units: ug/Kg

Instrument ID: TAC023
Lab File ID: HP08681.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Pentachlorophenol	ND		100
Surrogate	% Rec		Acceptance Limits
2-Fluorophenol	73		36 - 145
Phenol-d5	90		38 - 149
2,4,6-Tribromophenol	93		28 - 143

Lab Control Spike - Batch: 580-36255

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 580-36255/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2008 1216
Date Prepared: 09/22/2008 0832

Analysis Batch: 580-36263
Prep Batch: 580-36255
Units: ug/Kg

Instrument ID: TAC023
Lab File ID: HP08682.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	1000	1060	106	29 - 124	
Surrogate		% Rec		Acceptance Limits	
2-Fluorophenol		100		36 - 145	
Phenol-d5		100		38 - 149	
2,4,6-Tribromophenol		115		28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Services

Job Number: 580-11317-1

Method Blank - Batch: 580-36256

**Method: NWTPH-Dx
Preparation: 3550B**

Lab Sample ID: MB 580-36256/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2008 1215
Date Prepared: 09/22/2008 0835

Analysis Batch: 580-36264
Prep Batch: 580-36256
Units: mg/Kg

Instrument ID: TAC013
Lab File ID: FA35927.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
#2 Diesel (C10-C24)	ND		25
Motor Oil (>C24-C36)	ND		50
Surrogate	% Rec		Acceptance Limits
o-Terphenyl	57		50 - 150

Lab Control Spike - Batch: 580-36256

**Method: NWTPH-Dx
Preparation: 3550B**

Lab Sample ID: LCS 580-36256/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2008 1235
Date Prepared: 09/22/2008 0835

Analysis Batch: 580-36264
Prep Batch: 580-36256
Units: mg/Kg

Instrument ID: TAC013
Lab File ID: FA35928.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
#2 Diesel (C10-C24)	501	630	126	70 - 125	*
Motor Oil (>C24-C36)	500	600	120	64 - 127	
Surrogate		% Rec		Acceptance Limits	
o-Terphenyl		131		50 - 150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Services

Job Number: 580-11317-1

Duplicate - Batch: 580-36256

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: 580-11317-7
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2008 1422
Date Prepared: 09/22/2008 0835

Analysis Batch: 580-36264
Prep Batch: 580-36256
Units: mg/Kg

Instrument ID: TAC013
Lab File ID: FA35933.D
Initial Weight/Volume: 10.0611 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
#2 Diesel (C10-C24)	ND	ND	17	35	*
Motor Oil (>C24-C36)	ND	ND	NC	35	
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	91		50 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Services

Job Number: 580-11317-1

Method Blank - Batch: 580-36374

**Method: NWTPH-Dx
Preparation: 3550B**

Lab Sample ID: MB 580-36374/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1450
Date Prepared: 09/25/2008 0955

Analysis Batch: 580-36365
Prep Batch: 580-36374
Units: mg/Kg

Instrument ID: TAC013
Lab File ID: FA35947.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
#2 Diesel (C10-C24)	ND		25
Motor Oil (>C24-C36)	ND		50
Surrogate	% Rec		Acceptance Limits
o-Terphenyl	89		50 - 150

Lab Control Spike - Batch: 580-36374

**Method: NWTPH-Dx
Preparation: 3550B**

Lab Sample ID: LCS 580-36374/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1510
Date Prepared: 09/25/2008 0955

Analysis Batch: 580-36365
Prep Batch: 580-36374
Units: mg/Kg

Instrument ID: TAC013
Lab File ID: FA35948.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
#2 Diesel (C10-C24)	501	429	86	70 - 125	
Motor Oil (>C24-C36)	500	413	82	64 - 127	
Surrogate		% Rec		Acceptance Limits	
o-Terphenyl		76		50 - 150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client <i>William F. Stevens</i>		Project Manager <i>[Signature]</i>		Date <i>9-19-08</i>	Chain of Custody Number 2791																																																																																																																																											
Address <i>3508 35th Ave NE</i>		Telephone Number (Area Code)/Fax Number <i>206-583-3805</i>		Lab Number <i>11317</i>	Page <i>1</i> of <i>1</i>																																																																																																																																											
City <i>Seattle</i>		Site Contact <i>[Signature]</i>		Analysis (Attach list if more space is needed)																																																																																																																																												
State <i>WA</i>		Zip Code <i>98105</i>		Special Instructions/ Conditions of Receipt																																																																																																																																												
Project Name and Location (State) <i>FORAM DIP TANK</i>		Carrier/Waybill Number		<table border="1"> <thead> <tr> <th rowspan="2">Sample I.D. and Location/Description (Containers for each sample may be combined on one line)</th> <th rowspan="2">Date</th> <th colspan="3">Matrix</th> <th colspan="5">Containers & Preservatives</th> </tr> <tr> <th>Air</th> <th>Sed.</th> <th>Soil</th> <th>Unpres.</th> <th>H2SO4</th> <th>HNO3</th> <th>HCl</th> <th>NaOH</th> <th>ZnAc/NaOH</th> </tr> </thead> <tbody> <tr> <td><i>SS00-REX-11</i></td> <td><i>9-19</i></td> <td></td> <td></td> <td><i>X</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>SE-BASE-REX-18</i></td> <td><i>"</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>US00-CENTER-12</i></td> <td><i>"</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>MS00-10Eof FL-12</i></td> <td><i>"</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>US00-ROU-11</i></td> <td><i>9-18</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>US00-TANK-10</i></td> <td><i>"</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>BASE-15N/ROE-16</i></td> <td><i>9-19</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>Q. BASE 10N-16</i></td> <td><i>"</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Matrix			Containers & Preservatives					Air	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	<i>SS00-REX-11</i>	<i>9-19</i>			<i>X</i>											<i>SE-BASE-REX-18</i>	<i>"</i>														<i>US00-CENTER-12</i>	<i>"</i>														<i>MS00-10Eof FL-12</i>	<i>"</i>														<i>US00-ROU-11</i>	<i>9-18</i>														<i>US00-TANK-10</i>	<i>"</i>														<i>BASE-15N/ROE-16</i>	<i>9-19</i>														<i>Q. BASE 10N-16</i>	<i>"</i>													
Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Matrix						Containers & Preservatives																																																																																																																																								
		Air	Sed.			Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																																																																																																																																				
<i>SS00-REX-11</i>	<i>9-19</i>					<i>X</i>																																																																																																																																										
<i>SE-BASE-REX-18</i>	<i>"</i>																																																																																																																																															
<i>US00-CENTER-12</i>	<i>"</i>																																																																																																																																															
<i>MS00-10Eof FL-12</i>	<i>"</i>																																																																																																																																															
<i>US00-ROU-11</i>	<i>9-18</i>																																																																																																																																															
<i>US00-TANK-10</i>	<i>"</i>																																																																																																																																															
<i>BASE-15N/ROE-16</i>	<i>9-19</i>																																																																																																																																															
<i>Q. BASE 10N-16</i>	<i>"</i>																																																																																																																																															
Cooler <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temp: _____		Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Sample Disposal <input type="checkbox"/> Return To Client <input type="checkbox"/> Archive For _____ Months																																																																																																																																												
Turn Around Time Required (business days) <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> 15 Days <input type="checkbox"/> Other _____		QC Requirements (Specify)		(A fee may be assessed if samples are retained longer than 1 month)																																																																																																																																												
1. Relinquished By <i>[Signature]</i>		1. Received By <i>[Signature]</i>		Date <i>9/19/08</i>	Time <i>1450</i>																																																																																																																																											
2. Relinquished By		2. Received By		Date	Time																																																																																																																																											
3. Relinquished By		3. Received By		Date	Time																																																																																																																																											
Comments																																																																																																																																																

ANALYTICAL REPORT

Job Number: 580-11359-1

Job Description: Penta's & Dx

For:

Whitman Environmental Sciences
5508 35th Ave NE
Seattle, WA 98105
Attention: Dan Whitman



Heather Curbow
Project Manager I
heather.curbow@testamericainc.com
09/29/2008

TestAmerica Tacoma is a part of TestAmerica Laboratories, Inc.

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

TestAmerica Laboratories, Inc.

TestAmerica Tacoma 5755 8th Street East, Tacoma, WA 98424
Tel (253) 922-2310 Fax (253) 922-5047 www.testamericainc.com



EXECUTIVE SUMMARY - Detections

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
580-11359-1 Pentachlorophenol	DT-NSW-10'W-11	310	120	ug/Kg	8270C

METHOD SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAC	SW846 8270C	
Ultrasonic Extraction	TAL TAC		SW846 3550B
Northwest - Semi-Volatile Petroleum Products (GC)	TAL TAC	NWTPH NWTPH-Dx	
Ultrasonic Extraction	TAL TAC		SW846 3550B

Lab References:

TAL TAC = TestAmerica Tacoma

Method References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-11359-1	DT-NSW-10'W-11	Solid	09/24/2008 0924	09/24/2008 1600
580-11359-2	DT-NWSW-11	Solid	09/24/2008 0924	09/24/2008 1600
580-11359-3	DT-NE CORNER-7	Solid	09/24/2008 0924	09/24/2008 1600

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Client Sample ID: DT-NSW-10'W-11

Lab Sample ID: 580-11359-1

Date Sampled: 09/24/2008 0924

Client Matrix: Solid

% Moisture: 23.2

Date Received: 09/24/2008 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36395	Instrument ID:	Semivolitile Agilent 6890
Preparation:	3550B	Prep Batch: 580-36368	Lab File ID:	ak018180.D
Dilution:	1.0		Initial Weight/Volume:	10.5133 g
Date Analyzed:	09/25/2008 1541		Final Weight/Volume:	10 mL
Date Prepared:	09/25/2008 0914		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		310		120
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		95		36 - 145
Phenol-d5		97		38 - 149
2,4,6-Tribromophenol		74		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Client Sample ID: DT-NWSW-11

Lab Sample ID: 580-11359-2

Date Sampled: 09/24/2008 0924

Client Matrix: Solid

% Moisture: 25.6

Date Received: 09/24/2008 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36395	Instrument ID:	Semivolitile Agilent 6890
Preparation:	3550B	Prep Batch: 580-36368	Lab File ID:	ak018181.D
Dilution:	1.0		Initial Weight/Volume:	10.6676 g
Date Analyzed:	09/25/2008 1602		Final Weight/Volume:	10 mL
Date Prepared:	09/25/2008 0914		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		130
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		95		36 - 145
Phenol-d5		93		38 - 149
2,4,6-Tribromophenol		80		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Client Sample ID: DT-NE CORNER-7

Lab Sample ID: 580-11359-3

Date Sampled: 09/24/2008 0924

Client Matrix: Solid

% Moisture: 18.3

Date Received: 09/24/2008 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36395	Instrument ID:	Semivolitile Agilent 6890
Preparation:	3550B	Prep Batch: 580-36368	Lab File ID:	ak018182.D
Dilution:	1.0		Initial Weight/Volume:	10.6171 g
Date Analyzed:	09/25/2008 1622		Final Weight/Volume:	10 mL
Date Prepared:	09/25/2008 0914		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		120
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		89		36 - 145
Phenol-d5		89		38 - 149
2,4,6-Tribromophenol		64		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Client Sample ID: DT-NSW-10'W-11

Lab Sample ID: 580-11359-1

Date Sampled: 09/24/2008 0924

Client Matrix: Solid

% Moisture: 23.2

Date Received: 09/24/2008 1600

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method:	NWTPH-Dx	Analysis Batch: 580-36365	Instrument ID:	Agilent 6890 Dual Column
Preparation:	3550B	Prep Batch: 580-36374	Lab File ID:	FA35949.D
Dilution:	1.0		Initial Weight/Volume:	10.6605 g
Date Analyzed:	09/25/2008 1536		Final Weight/Volume:	10 mL
Date Prepared:	09/25/2008 0955		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (>C12-C24)		ND		31
#2 Diesel (C10-C24)		ND		31
Motor Oil (>C24-C36)		ND		61
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		91		50 - 150

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Client Sample ID: DT-NWSW-11

Lab Sample ID: 580-11359-2

Date Sampled: 09/24/2008 0924

Client Matrix: Solid

% Moisture: 25.6

Date Received: 09/24/2008 1600

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36365

Instrument ID: Agilent 6890 Dual Column

Preparation: 3550B

Prep Batch: 580-36374

Lab File ID: FA35950.D

Dilution: 1.0

Initial Weight/Volume: 10.2217 g

Date Analyzed: 09/25/2008 1602

Final Weight/Volume: 10 mL

Date Prepared: 09/25/2008 0955

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (>C12-C24)		ND		33
#2 Diesel (C10-C24)		ND		33
Motor Oil (>C24-C36)		ND		66
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		90		50 - 150

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Client Sample ID: DT-NE CORNER-7

Lab Sample ID: 580-11359-3

Date Sampled: 09/24/2008 0924

Client Matrix: Solid

% Moisture: 18.3

Date Received: 09/24/2008 1600

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36365

Instrument ID: Agilent 6890 Dual Column

Preparation: 3550B

Prep Batch: 580-36374

Lab File ID: FA35951.D

Dilution: 1.0

Initial Weight/Volume: 10.5635 g

Date Analyzed: 09/25/2008 1627

Final Weight/Volume: 10 mL

Date Prepared: 09/25/2008 0955

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
#2 Diesel (>C12-C24)		ND		29
#2 Diesel (C10-C24)		ND		29
Motor Oil (>C24-C36)		ND		58
Surrogate		%Rec		Acceptance Limits
o-Terphenyl		76		50 - 150

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Method Blank - Batch: 580-36368

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-36368/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1500
Date Prepared: 09/25/2008 0914

Analysis Batch: 580-36395
Prep Batch: 580-36368
Units: ug/Kg

Instrument ID: Semivolitile Agilent 6890 5
Lab File ID: ak018178.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Pentachlorophenol	ND		100
Surrogate	% Rec		Acceptance Limits
2-Fluorophenol	49		36 - 145
Phenol-d5	47		38 - 149
2,4,6-Tribromophenol	33		28 - 143

Lab Control Spike - Batch: 580-36368

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 580-36368/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1521
Date Prepared: 09/25/2008 0914

Analysis Batch: 580-36395
Prep Batch: 580-36368
Units: ug/Kg

Instrument ID: Semivolitile Agilent 6890 5
Lab File ID: ak018179.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	1000	622	62	29 - 124	
Surrogate		% Rec		Acceptance Limits	
2-Fluorophenol		99		36 - 145	
Phenol-d5		99		38 - 149	
2,4,6-Tribromophenol		70		28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-36368**

**Method: 8270C
Preparation: 3550B**

MS Lab Sample ID: 580-11359-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1643
Date Prepared: 09/25/2008 0914

Analysis Batch: 580-36395
Prep Batch: 580-36368

Instrument ID: Semivolatile Agilent 6890
Lab File ID: ak018183.D
Initial Weight/Volume: 10.3842 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

MSD Lab Sample ID: 580-11359-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1704
Date Prepared: 09/25/2008 0914

Analysis Batch: 580-36395
Prep Batch: 580-36368

Instrument ID: Semivolatile Agilent 6890 5
Lab File ID: ak018184.D
Initial Weight/Volume: 10.6093 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Pentachlorophenol	70	78	29 - 124	8	68		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
2-Fluorophenol		97	95			36 - 145	
Phenol-d5		98	93			38 - 149	
2,4,6-Tribromophenol		78	75			28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Method Blank - Batch: 580-36374

**Method: NWTPH-Dx
Preparation: 3550B**

Lab Sample ID: MB 580-36374/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1450
Date Prepared: 09/25/2008 0955

Analysis Batch: 580-36365
Prep Batch: 580-36374
Units: mg/Kg

Instrument ID: Agilent 6890 Dual Column I
Lab File ID: FA35947.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
#2 Diesel (>C12-C24)	ND		25
#2 Diesel (C10-C24)	ND		25
Motor Oil (>C24-C36)	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
o-Terphenyl	89	50 - 150	

Lab Control Spike - Batch: 580-36374

**Method: NWTPH-Dx
Preparation: 3550B**

Lab Sample ID: LCS 580-36374/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1510
Date Prepared: 09/25/2008 0955

Analysis Batch: 580-36365
Prep Batch: 580-36374
Units: mg/Kg

Instrument ID: Agilent 6890 Dual Column I
Lab File ID: FA35948.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
#2 Diesel (>C12-C24)	501	434	86	70 - 125	
#2 Diesel (C10-C24)	501	429	86	70 - 125	
Motor Oil (>C24-C36)	500	413	82	64 - 127	
<hr/>					
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	76		50 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11359-1

Duplicate - Batch: 580-36374

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: 580-11359-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2008 1653
Date Prepared: 09/25/2008 0955

Analysis Batch: 580-36365
Prep Batch: 580-36374
Units: mg/Kg

Instrument ID: Agilent 6890 Dual Column I
Lab File ID: FA35952.D
Initial Weight/Volume: 10.2806 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
#2 Diesel (>C12-C24)	ND	ND	NC	35	
#2 Diesel (C10-C24)	ND	ND	NC	35	
Motor Oil (>C24-C36)	ND	ND	NC	35	
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	84		50 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

<p>Client: <u>CHICAGO ENV. SAMPLES</u></p> <p>Address: <u>5308 35TH AVE NE</u></p> <p>City: <u>SAPULPA</u> State: <u>OK</u> Zip Code: <u>74105</u></p> <p>Project Name and Location (State): _____</p>	<p>Project Manager: <u>[Signature]</u></p> <p>Telephone Number (Area Code)/Fax Number: <u>907-523-3805</u></p> <p>Site Contact: _____</p> <p>Carrier/Waybill Number: _____</p>	<p>Date: <u>7-24-08</u></p> <p>Lab Number: <u>11359</u></p> <p>Analysis (Attach list if more space is needed):</p>	<p>Chain of Custody Number: <u>2794</u></p> <p>Page: _____ of: _____</p>	<p>Special Instructions/Conditions of Receipt:</p>																																																																						
<p>Contract/Purchase Order/Quote No.: _____</p>																																																																										
<p>Containers & Preservatives:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td>Unpres.</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>H2SO4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>HNO3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>HCl</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>NaOH</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>ZnAc/NaOH</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>															Unpres.	X									H2SO4										HNO3										HCl										NaOH										ZnAc/NaOH									
Unpres.	X																																																																									
H2SO4																																																																										
HNO3																																																																										
HCl																																																																										
NaOH																																																																										
ZnAc/NaOH																																																																										
<p>Matrix:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td>Aqueous</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sed.</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Soil</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>															Aqueous										Sed.	X									Soil	X																																						
Aqueous																																																																										
Sed.	X																																																																									
Soil	X																																																																									
<p>Sample I.D. and Location/Description (Containers for each sample may be combined on one line)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td><u>PT-1562-10/10-11</u></td> <td><u>9:30 AM</u></td> <td><u>9:30</u></td> <td><u>11</u></td> <td><u>11</u></td> </tr> <tr> <td><u>PT-1050-11</u></td> <td><u>"</u></td> <td><u>"</u></td> <td><u>"</u></td> <td><u>"</u></td> </tr> <tr> <td><u>PT-11 CORNER-7</u></td> <td><u>"</u></td> <td><u>"</u></td> <td><u>"</u></td> <td><u>"</u></td> </tr> </table>										<u>PT-1562-10/10-11</u>	<u>9:30 AM</u>	<u>9:30</u>	<u>11</u>	<u>11</u>	<u>PT-1050-11</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>PT-11 CORNER-7</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>																																																		
<u>PT-1562-10/10-11</u>	<u>9:30 AM</u>	<u>9:30</u>	<u>11</u>	<u>11</u>																																																																						
<u>PT-1050-11</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>																																																																						
<u>PT-11 CORNER-7</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>																																																																						
<p>Page 15 of 15</p>																																																																										
<p>Cooler: <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temp.: _____</p> <p>Possible Hazard Identification: <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown</p> <p>Sample Disposal: <input type="checkbox"/> Return To Client <input type="checkbox"/> Archive For _____ Months <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> (A fee may be assessed if samples are retained longer than 1 month)</p>																																																																										
<p>Turn Around Time Required (business days): <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> 15 Days <input type="checkbox"/> Other <u>Monday?</u></p>																																																																										
<p>1. Relinquished By: <u>[Signature]</u> Date: <u>7-24-08</u> Time: <u>7:00</u></p> <p>2. Relinquished By: <u>[Signature]</u> Date: <u>7-24-08</u> Time: <u>16:00</u></p>																																																																										
<p>3. Relinquished By: _____ Date: _____ Time: _____</p>																																																																										
<p>Comments:</p>																																																																										

Dip Tank Waste Characterization Samples

ANALYTICAL REPORT

Job Number: 580-11272-1

Job Description: Portac DIP Tank

For:

Whitman Environmental Sciences
5508 35th Ave NE
Seattle, WA 98105
Attention: Dan Whitman



Heather Curbow
Project Manager I
heather.curbow@testamericainc.com
09/19/2008

TestAmerica Tacoma is a part of TestAmerica Laboratories, Inc.

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

TestAmerica Laboratories, Inc.

TestAmerica Tacoma 5755 8th Street East, Tacoma, WA 98424
Tel (253) 922-2310 Fax (253) 922-5047 www.testamericainc.com



EXECUTIVE SUMMARY - Detections

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
580-11272-1 Pentachlorophenol	STK-DT-S	14000	1200	ug/Kg	8270C
580-11272-3 Pentachlorophenol	STK-DT-E2	8600	590	ug/Kg	8270C
580-11272-5 Pentachlorophenol	STK-DT-W2	11000	1200	ug/Kg	8270C
#2 Diesel (C10-C24)		3200	31	mg/Kg	NWTPH-Dx
Motor Oil (>C24-C36)		32000	610	mg/Kg	NWTPH-Dx

METHOD SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAC	SW846 8270C	
Ultrasonic Extraction	TAL TAC		SW846 3550B
Northwest - Semi-Volatile Petroleum Products (GC)	TAL TAC	NWTPH NWTPH-Dx	
Ultrasonic Extraction	TAL TAC		SW846 3550B

Lab References:

TAL TAC = TestAmerica Tacoma

Method References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-11272-1	STK-DT-S	Solid	09/16/2008 0000	09/16/2008 1620
580-11272-2	STK-DT-E1	Solid	09/16/2008 0000	09/16/2008 1620
580-11272-3	STK-DT-E2	Solid	09/16/2008 0000	09/16/2008 1620
580-11272-4	STK-DT-W1	Solid	09/16/2008 0000	09/16/2008 1620
580-11272-5	STK-DT-W2	Solid	09/16/2008 0000	09/16/2008 1620

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Client Sample ID: STK-DT-S

Lab Sample ID: 580-11272-1

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 16.3

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36214	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09944.D
Dilution:	10		Initial Weight/Volume:	10.0215 g
Date Analyzed:	09/19/2008 0904		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		14000		1200
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		3	X	36 - 145
Phenol-d5		100		38 - 149
2,4,6-Tribromophenol		71		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Client Sample ID: STK-DT-E1

Lab Sample ID: 580-11272-2

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 15.7

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36150	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09935.D
Dilution:	1.0		Initial Weight/Volume:	10.0128 g
Date Analyzed:	09/18/2008 2036		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		120
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		1	X	36 - 145
Phenol-d5		102		38 - 149
2,4,6-Tribromophenol		88		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Client Sample ID: STK-DT-E2

Lab Sample ID: 580-11272-3

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 14.4

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36214	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09947.D
Dilution:	5.0		Initial Weight/Volume:	9.9767 g
Date Analyzed:	09/19/2008 1003		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		8600		590
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		1	X	36 - 145
Phenol-d5		92		38 - 149
2,4,6-Tribromophenol		80		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Client Sample ID: STK-DT-W1

Lab Sample ID: 580-11272-4

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 15.0

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36150	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09937.D
Dilution:	1.0		Initial Weight/Volume:	9.9895 g
Date Analyzed:	09/18/2008 2116		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		ND		120
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		110		36 - 145
Phenol-d5		102		38 - 149
2,4,6-Tribromophenol		80		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Client Sample ID: **STK-DT-W2**

Lab Sample ID: 580-11272-5

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 18.1

Date Received: 09/16/2008 1620

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-36214	Instrument ID:	Agilent 6890N 5973 MSD
Preparation:	3550B	Prep Batch: 580-36136	Lab File ID:	AT09948.D
Dilution:	10		Initial Weight/Volume:	10.0092 g
Date Analyzed:	09/19/2008 1023		Final Weight/Volume:	10 mL
Date Prepared:	09/17/2008 1420		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Pentachlorophenol		11000		1200
Surrogate		%Rec		Acceptance Limits
2-Fluorophenol		3	X	36 - 145
Phenol-d5		104		38 - 149
2,4,6-Tribromophenol		79		28 - 143

Analytical Data

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Client Sample ID: STK-DT-W2

Lab Sample ID: 580-11272-5

Date Sampled: 09/16/2008 0000

Client Matrix: Solid

% Moisture: 18.1

Date Received: 09/16/2008 1620

NWTPH-Dx Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWTPH-Dx

Analysis Batch: 580-36219

Instrument ID: SEA016

Preparation: 3550B

Prep Batch: 580-36128

Lab File ID: EP25132.D

Dilution: 10

Initial Weight/Volume: 9.9744 g

Date Analyzed: 09/19/2008 1454

Final Weight/Volume: 10 mL

Date Prepared: 09/17/2008 1250

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier
Motor Oil (>C24-C36)		32000	RL 610

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Method Blank - Batch: 580-36136

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-36136/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1659
Date Prepared: 09/17/2008 1420

Analysis Batch: 580-36150
Prep Batch: 580-36136
Units: ug/Kg

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09924.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Pentachlorophenol	ND		100
Surrogate	% Rec		Acceptance Limits
2-Fluorophenol	89		36 - 145
Phenol-d5	80		38 - 149
2,4,6-Tribromophenol	62		28 - 143

Lab Control Spike - Batch: 580-36136

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 580-36136/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1719
Date Prepared: 09/17/2008 1420

Analysis Batch: 580-36150
Prep Batch: 580-36136
Units: ug/Kg

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09925.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	1000	1160	116	29 - 124	
Surrogate		% Rec		Acceptance Limits	
2-Fluorophenol		108		36 - 145	
Phenol-d5		102		38 - 149	
2,4,6-Tribromophenol		105		28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-36136**

**Method: 8270C
Preparation: 3550B**

MS Lab Sample ID: 580-11272-1
Client Matrix: Solid
Dilution: 10
Date Analyzed: 09/19/2008 0924
Date Prepared: 09/17/2008 1420

Analysis Batch: 580-36214
Prep Batch: 580-36136

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09945.D
Initial Weight/Volume: 10.0185 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

MSD Lab Sample ID: 580-11272-1
Client Matrix: Solid
Dilution: 10
Date Analyzed: 09/19/2008 0943
Date Prepared: 09/17/2008 1420

Analysis Batch: 580-36214
Prep Batch: 580-36136

Instrument ID: Agilent 6890N 5973 MSD
Lab File ID: AT09946.D
Initial Weight/Volume: 9.9986 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Pentachlorophenol	779	513	29 - 124	15	68	4	4
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
2-Fluorophenol		3	X 113			36 - 145	
Phenol-d5		101	99			38 - 149	
2,4,6-Tribromophenol		95	89			28 - 143	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Method Blank - Batch: 580-36128

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: MB 580-36128/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1826
Date Prepared: 09/17/2008 1250

Analysis Batch: 580-36219
Prep Batch: 580-36128
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP25106.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Result	Qual	RL
#2 Diesel (C10-C24)	ND		25
Motor Oil (>C24-C36)	ND		50
Surrogate	% Rec		Acceptance Limits
o-Terphenyl	98		50 - 150

Lab Control Spike - Batch: 580-36128

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: LCS 580-36128/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1848
Date Prepared: 09/17/2008 1250

Analysis Batch: 580-36219
Prep Batch: 580-36128
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP25107.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
#2 Diesel (C10-C24)	501	451	90	70 - 125	
Motor Oil (>C24-C36)	500	577	115	64 - 127	
Surrogate		% Rec		Acceptance Limits	
o-Terphenyl		100		50 - 150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Duplicate - Batch: 580-36128

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: 580-11272-A-1-B DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 2145
Date Prepared: 09/17/2008 1250

Analysis Batch: 580-36219
Prep Batch: 580-36128
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP25115.D
Initial Weight/Volume: 10.0388 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
#2 Diesel (C10-C24)	1000	877	17	35	
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	89		50 - 150		

Duplicate - Batch: 580-36128

Method: NWTPH-Dx
Preparation: 3550B

Lab Sample ID: 580-11272-A-1-B DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 2145
Date Prepared: 09/17/2008 1250

Analysis Batch: 580-36219
Prep Batch: 580-36128
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP25115.D
Initial Weight/Volume: 10.0388 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Motor Oil (>C24-C36)	8200	7290	12	35	E

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Whitman Environmental Sciences

Job Number: 580-11272-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	X	Surrogate exceeds the control limits
GC Semi VOA		
	I	Indicates the presence of an interference, recovery is not calculated.
	E	Result exceeded calibration range, secondary dilution required.
	X	Surrogate exceeds the control limits

Client <i>CHIMNEY TOWN SQUARES</i>		Project Manager <i>Tom Hartman</i>		Date <i>9-16-08</i>		Chain of Custody Number <i>2779</i>	
Address <i>5808 35th Ave SE</i>		Telephone Number (Area Code)/Fax Number <i>253-922-2310</i>		Lab Number <i>11272</i>		Page <i>1</i> of <i>1</i>	
City <i>SEATTLE</i>		State <i>WA</i>		Zip Code <i>98105</i>		Analysis (Attach list if more space is needed)	
Project Name and Location (State) <i>CHIMNEY TOWN SQUARES</i>		Site Contact		Lab Contact		Special Instructions/Conditions of Receipt	
Contract/Purchase Order/Quote No. <i>11272</i>		Carrier/Maybill Number		Lab Contact		Special Instructions/Conditions of Receipt	

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					Sample Disposal <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl		NaOH	ZnAc/NaOH				
1 <i>SK-DT-S</i>	<i>7-16</i>				<i>X</i>												
2 " " - <i>EL</i>																	<i>EXP</i>
3 " " - <i>EB</i>																	<i>HAHA</i>
4 " " - <i>DL</i>																	<i>CONCERNING</i>
5 " " - <i>DR</i>																	

Page 17 of 17

Cooler <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temp: _____ Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	Turn Around Time Required (business days) <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> 15 Days <input type="checkbox"/> Other _____ Relinquished By <i>[Signature]</i>	1. Received By <i>J. Harding</i> Date <i>9-16-08 4:30</i>
Relinquished By Date	2. Relinquished By Date	2. Received By Date
3. Relinquished By Date	3. Received By Date	3. Received By Date

Comments

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 20, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on October 2, 2008 from the Portal Dip Tank PO WES 1400, F&BI 810026 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES 1020R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 2, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portal Dip Tank PO WES 1400, F&BI 810026 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
810026-01	W1 0-10W
810026-02	W1 10-20E
810026-03	W1 25-35W
810026-04	W1 40-50E
810026-05	W1 55-65W
810026-06	W1 70-80E
810026-07	W1 85-95W
810026-08	W1 100-110E
810026-09	W1 115-125W
810026-10	W1 130-140E
810026-11	W1 140-150W
810026-12	W1 150-160E
810026-13	W2 0-10E
810026-14	W2 15-25W
810026-15	W2 30-40E
810026-16	W2 40-50W
810026-17	W2 55-65E
810026-18	W2 65-75W
810026-19	W2 80-90E
810026-20	W2 90-100W
810026-21	W2 105-115E
810026-22	W2 115-125W
810026-23	W2 130-140E
810026-24	W2 140-150W
810026-25	W3 70-80W
810026-26	W3 80-90E
810026-27	W3 95-105W
810026-28	W3 105-115E
810026-29	W3 120-130W
810026-30	W3 130-140E
810026-31	W3 145-155W
810026-32	W3 155-165E
810026-33	W4 75-85W
810026-34	W4 90-100E
810026-35	W4 100-110W
810026-36	W4 115-125E
810026-37	W4 125-135W

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE (continued)

Laboratory ID

810026-38

810026-39

Whitman Environmental Sciences

W4 140-150E

W4 150-160W

The samples were composited as requested on the chain of custody. All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 01	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-01-04 1/10
Date Analyzed:	10/08/08	Data File:	100806.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	30	118
Phenol-d6	82	30	118
Nitrobenzene-d5	85	10	180
2-Fluorobiphenyl	94	40	130
2,4,6-Tribromophenol	95	16	116
Terphenyl-d14	109	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 02	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-05-08 1/10
Date Analyzed:	10/07/08	Data File:	100717.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	75	30	118
Phenol-d6	73	30	118
Nitrobenzene-d5	79	10	180
2-Fluorobiphenyl	83	40	130
2,4,6-Tribromophenol	74	16	116
Terphenyl-d14	101	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 03	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-09-12 1/10
Date Analyzed:	10/07/08	Data File:	100718.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	75	30	118
Phenol-d6	74	30	118
Nitrobenzene-d5	79	10	180
2-Fluorobiphenyl	83	40	130
2,4,6-Tribromophenol	79	16	116
Terphenyl-d14	107	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	23

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 04	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-13-16 1/10
Date Analyzed:	10/07/08	Data File:	100719.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	75	30	118
Phenol-d6	74	30	118
Nitrobenzene-d5	82	10	180
2-Fluorobiphenyl	85	40	130
2,4,6-Tribromophenol	79	16	116
Terphenyl-d14	101	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 05	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-17-20 1/10
Date Analyzed:	10/07/08	Data File:	100720.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	76	30	118
Phenol-d6	75	30	118
Nitrobenzene-d5	82	10	180
2-Fluorobiphenyl	86	40	130
2,4,6-Tribromophenol	82	16	116
Terphenyl-d14	102	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	20

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 06	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-21-24 1/10
Date Analyzed:	10/07/08	Data File:	100721.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	80	30	118
Phenol-d6	80	30	118
Nitrobenzene-d5	86	10	180
2-Fluorobiphenyl	87	40	130
2,4,6-Tribromophenol	83	16	116
Terphenyl-d14	108	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	21

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 07	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-25-28 1/10
Date Analyzed:	10/07/08	Data File:	100722.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	77	30	118
Phenol-d6	76	30	118
Nitrobenzene-d5	83	10	180
2-Fluorobiphenyl	89	40	130
2,4,6-Tribromophenol	83	16	116
Terphenyl-d14	111	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 08	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-29-32 1/10
Date Analyzed:	10/07/08	Data File:	100723.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	76	30	118
Phenol-d6	77	30	118
Nitrobenzene-d5	85	10	180
2-Fluorobiphenyl	89	40	130
2,4,6-Tribromophenol	87	16	116
Terphenyl-d14	134	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	29

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 09	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-33-36 1/10
Date Analyzed:	10/08/08	Data File:	100724.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	81	30	118
Phenol-d6	80	30	118
Nitrobenzene-d5	85	10	180
2-Fluorobiphenyl	94	40	130
2,4,6-Tribromophenol	93	16	116
Terphenyl-d14	116	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	20

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Comp 10	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	810026-37-39 1/10
Date Analyzed:	10/08/08	Data File:	100726.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	73	30	118
Phenol-d6	73	30	118
Nitrobenzene-d5	78	10	180
2-Fluorobiphenyl	86	40	130
2,4,6-Tribromophenol	89	16	116
Terphenyl-d14	129	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	WES 1400, F&BI 810026
Date Extracted:	10/06/08	Lab ID:	081601mb
Date Analyzed:	10/07/08	Data File:	100716.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	30	118
Phenol-d6	81	30	118
Nitrobenzene-d5	84	10	180
2-Fluorobiphenyl	89	40	130
2,4,6-Tribromophenol	83	16	116
Terphenyl-d14	83	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<0.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/20/08

Date Received: 10/02/08

Project: Portal Dip Tank PO WES 1400, F & BI 810026

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270C**

Laboratory Code: 810026-33-36 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	20	19	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	2.5	90	90	33-127	0

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

COS

SAMPLERS (signature)

Page # 1 of 4

TURNAROUND TIME

PROJECT NAME/NO.

PO #

Standard (2 Weeks)

CRANE PIT TANK

WES

RUSH

REMARKS STOCKPILES

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Send Report To Eric Young

Company WES

Address 3308 35th Ave NE

City, State, ZIP Seattle WA 98119

Phone # 206-533-3333 Fax #

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						PRINT NAME	COMPANY	DATE	TIME
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS				
01 0-10/02	01	9-30		SOL	1										
" 10-20/E	02				1										
" 25-35/02	03				1										
" 40-50/E	04				1										
" 55-65/02	05				1										
" 70-80/E	06				1										
" 85-95/02	07				1										
" 100-110/E	08				1										
" 115-125/02	09				1										
" 130-140/E	10				1										

Relinquished by: [Signature]

Received by: [Signature]

Relinquished by: [Signature]

Received by: [Signature]

Friedman & Bruyno, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-8044

Samples received at 20 °C

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

COS

Page # 2 of 4

SAMPLERS (signature)
PROJECT NAME/NO.
PO #

FRANK JUPANK
1400

REMARKS
STEELPILES

Send Report To Frank Jupank

Company FRANK JUPANK

Address 3308 35th Ave NE

City, State, ZIP SEATTLE WA 98105

Phone # 206-585-3500 Fax #

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOcs by 8270	HFS		Company
11	140-150/12	9-30		Soil	1								COMPOSITE 10/15-16/08
12	150-160/E	9-30			1								ABOVE
13	0-10/E	10-1			1								COMPOSITE
14	15-25/02	9-30			1								PLEASE
15	30-40/E	10-1			1								COMPOSITE
16	40-50/02	9-30			1								PLEASE
17	55-65/E	10-1			1								COMPOSITE
18	65-75/02	9-30			1								PLEASE
19	80-90/E	10-1			1								
20	90-100/02	9-30			1								

PRINT NAME
COMPANY
DATE
TIME

Relinquished by: *[Signature]*

Received by: *[Signature]*

Relinquished by: *[Signature]*

Received by: *[Signature]*

Eric Jupank
 FRANK JUPANK

10/2/08 11:00
 10/2/08 11:00

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 283-8282
 Fax (206) 283-8044

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

Send Report To Dr. Williams

Company Edwards Environmental Services

Address 5308 35th Ave NE

City, State, ZIP Seattle WA 98105

Phone # 206-555-5500 Fax #

SAMPLERS (signature)

PROJECT NAME/NO.

CRANE PIT TRUCK
REMARKS STOCKPILES

PO #

WES
1400

Page #

3 of 4

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Notes
022 105-115/E	21	10-1		SOIL	1							COMPOSITE PLANE
" 115-125/W	22				1							
" 130-140/E	23				1							
140-150/W	24				1							
023 70-80/W	25				1							COMPOSITE PLANE
" 80-90/E	26				1							
" 95-105/W	27				1							COMPOSITE PLANE
" 105-115/E	28				1							
023 120-130/W	29				1							
" 130-140/E	30				1							COMPOSITE PLANE

STATION

Relinquished by:

Received by:

Relinquished by:

Received by:

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 283-6282

Fax (206) 283-6044

FORMS\CCCV\CCV.DOC

Samples received at 20 °C

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

cos

Page # 4 of 4

SAMPLERS (signature)
PROJECT NAME/NO.
PO #

FROM JIP TRUCK
1400

REMARKS
STOCKPILES

Send Report To *Don Williams*
Company *William Earl Stevens*
Address *5308 35th Ave NE*
City, State, ZIP *Seattle WA 98115*
Phone # *206-583-3500* **Fax #**

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		PCB/Mercury
123 145-135/D	31	10-1		SOL	1								COMPOSITE 10/12/08 130-140
123 135-135/E	32				1								
124 145-85/D	33				1								COMPOSITE PLEASE
" 90-100/E	34				1								
" 100-110/D	35				1								COMPOSITE PLEASE
" 115-135/E	36				1								
" 135-135/D	37				1								COMPOSITE PLEASE
" 140-150/E	38				1								
" 150-160/D	39				1								

Friedman & Bruvo, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8982
 Fax (206) 283-5044

Relinquished by: *[Signature]*
Received by: *[Signature]*
Relinquished by: *[Signature]*
Received by: *[Signature]*

SIGNATURE
[Signature]
PRINT NAME
 Eric Young
COMPANY
 FB
DATE
 10/2/08
TIME
 11:00 AM

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

COS

SAMPLERS (signature)

Page # 1 of 4

Send Report To Eric Young
 Company CHRYSLER FORD SERVICES
 Address 5308 35th Ave NE
 City, State, ZIP SEATTLE WA 98119
 Phone # 206-533-3333 Fax #

PROJECT NAME/NO. CRANE PIT TANK PO # 1065
1400
 REMARKS STACK PILES

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						PRINT NAME	COMPANY	DATE	TIME
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS				
01 0-10/E	01	9-30		SOL	1										
" 10-20/E	02				1						X				COMPOSITE
" 25-35/E	03				1						X				PLEASE
" 40-50/E	04				1						X				COMPOSITE
" 55-65/E	05				1						X				COMPOSITE
" 70-80/E	06				1						X				COMPOSITE
" 85-95/E	07				1						X				COMPOSITE
" 100-110/E	08				1						X				COMPOSITE
" 115-125/E	09				1						X				COMPOSITE
" 130-140/E	10				1						X				COMPOSITE

SIGNATURE
 Relinquished by: [Signature]
 Received by: Eric Young
 Relinquished by:
 Received by:

Friedman & Bruyno, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-8044

Samples received at 20 °C

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

COS

Page # 2 of 4

SAMPLERS (signature)
PROJECT NAME/NO.
PO #

FRANK JUPANK
1405
1400

REMARKS
STEELPILES

Send Report To Frank Jupank

Company FRANK JUPANK

Address 3308 35th Ave NE

City, State, ZIP SEATTLE WA 98105

Phone # 206-585-3500 Fax #

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCS by 8270	HFS		Company
11	140-150/12	9-30		Soil	1								COMPOSITE 10/15-16/08
12	150-160/E	9-30			1								ABOVE
13	0-10/E	10-1			1								COMPOSITE
14	15-25/02	9-30			1								PLEASE
15	30-40/E	10-1			1								COMPOSITE
16	40-50/02	9-30			1								PLEASE
17	55-65/E	10-1			1								COMPOSITE
18	65-75/02	9-30			1								PLEASE
19	80-90/E	10-1			1								
20	90-100/02	9-30			1								

PRINT NAME
SIGNATURE
COMPANY
DATE
TIME

Relinquished by: *[Signature]*

Received by: *[Signature]*

Relinquished by: *[Signature]*

Received by: *[Signature]*

Eric Jupank
 FRANK JUPANK

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 283-8282
 Fax (206) 283-8044

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

Send Report To Dr. Williams

Company Edwards Environmental Services

Address 5308 35th Ave NE

City, State, ZIP Seattle WA 98105

Phone # 206-555-5500 Fax #

SAMPLERS (signature)

PROJECT NAME/NO.

CRANE PIT TRUCK
REMARKS STOCKPILES

PO #

WES
1400

Page #

3 of 4

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Notes
022 105-115/E	21	10-1		SOIL	1							COMPOSITE PLANE
" 115-125/W	22				1							
" 130-140/E	23				1							
140-150/W	24				1							
023 70-80/W	25				1							COMPOSITE PLANE
" 80-90/E	26				1							
" 95-105/W	27				1							COMPOSITE PLANE
" 105-115/E	28				1							
023 120-130/W	29	V			1							
" 130-140/E	30	V			1							COMPOSITE PLANE 10/2/08

STATION

Relinquished by:

Received by:

Relinquished by:

Received by:

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 265-6282

Fax (206) 263-6044

FORMS\CCC\CCC.DOC

Samples received at 20 °C

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

cos

Page # 4 of 4

SAMPLERS (signature)
PROJECT NAME/NO.
PO #

FROM JIP TRUCK
1400

REMARKS
STOCKPILES

Send Report To *Don Williams*
Company *William Fuel Services*
Address *5308 35th Ave NE*
City, State, ZIP *Seattle WA 98115*
Phone # *206-583-3500* **Fax #**

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
123 145-135/D	31	10-1		SOL	1							COMPOSITE 10/12/08 130-140
123 135-135/E	32				1							
124 75-85/D	33				1							COMPOSITE PLEASE
" 90-100/E	34				1							
" 100-110/D	35				1							COMPOSITE PLEASE
" 115-135/E	36				1							
" 135-135/D	37				1							COMPOSITE PLEASE
" 140-150/E	38				1							
" 150-160/D	39				1							

Friedman & Bruvo, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8982
 Fax (206) 283-5044

Relinquished by: *[Signature]*
Received by: *[Signature]*
Relinquished by: *[Signature]*
Received by: *[Signature]*

SIGNATURE
[Signature]

PRINT NAME
Eric Young

COMPANY
FB

DATE
10/2/08

TIME
11:00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 3, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the additional results from the testing of material submitted on October 2, 2008 from the Portac Dip Tank PO WES 1400, F&BI 810026 project. There are 10 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES 1103R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 2, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Dip Tank PO WES 1400, F&BI 810026 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
810026-01	W1 0-10W
810026-02	W1 10-20E
810026-03	W1 25-35W
810026-04	W1 40-50E
810026-05	W1 55-65W
810026-06	W1 70-80E
810026-07	W1 85-95W
810026-08	W1 100-110E
810026-09	W1 115-125W
810026-10	W1 130-140E
810026-11	W1 140-150W
810026-12	W1 150-160E
810026-13	W2 0-10E
810026-14	W2 15-25W
810026-15	W2 30-40E
810026-16	W2 40-50W
810026-17	W2 55-65E
810026-18	W2 65-75W
810026-19	W2 80-90E
810026-20	W2 90-100W
810026-21	W2 105-115E
810026-22	W2 115-125W
810026-23	W2 130-140E
810026-24	W2 140-150W
810026-25	W3 70-80W
810026-26	W3 80-90E
810026-27	W3 95-105W
810026-28	W3 105-115E
810026-29	W3 120-130W
810026-30	W3 130-140E
810026-31	W3 145-155W
810026-32	W3 155-165E
810026-33	W4 75-85W
810026-34	W4 90-100E
810026-35	W4 100-110W
810026-36	W4 115-125E
810026-37	W4 125-135W

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE (continued)

Laboratory ID

810026-38

810026-39

Whitman Environmental Sciences

W4 140-150E

W4 150-160W

The samples were composited as requested on the chain of custody. An 8270C internal standard did not pass acceptance criteria. The affected analytes were flagged accordingly. All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	COMP 08	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	Portac Dip Tank PO WES 1400
Date Extracted:	10/31/08	Lab ID:	810026-29 comp
Date Analyzed:	10/31/08	Data File:	810026-29 comp.020
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	98	60	125
Indium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	8.78
Arsenic	3.43

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Dip Tank PO WES 1400
Date Extracted:	10/31/08	Lab ID:	I8-411 mb
Date Analyzed:	10/31/08	Data File:	I8-411 mb.017
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	87	60	125
Indium	89	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	COMP 08	Client:	Whitman Environmental Sciences
Date Received:	10/02/08	Project:	Portac Dip Tank PO WES 1400
Date Extracted:	10/06/08	Lab ID:	810026-29-32 1/10
Date Analyzed:	10/07/08	Data File:	100723.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	76	30	118
Phenol-d6	77	30	118
Nitrobenzene-d5	85	10	180
2-Fluorobiphenyl	89	40	130
2,4,6-Tribromophenol	87	16	116
Terphenyl-d 14	134	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<3	3-Nitroaniline	<9
Bis(2-chloroethyl) ether	<0.3	Acenaphthene	<0.3
2-Chlorophenol	<3	2,4-Dinitrophenol	<9
1,3-Dichlorobenzene	<0.3	Dibenzofuran	<0.3
1,4-Dichlorobenzene	<0.3	2,4-Dinitrotoluene	<0.3
1,2-Dichlorobenzene	<0.3	4-Nitrophenol	<3
Benzyl alcohol	<0.3	Diethyl phthalate	<0.3
Bis(2-chloroisopropyl) ether	<0.3	Fluorene	<0.3
2-Methylphenol	<3	4-Chlorophenyl phenyl ether	<0.3
Hexachloroethane	<0.3	N-Nitrosodiphenylamine	<0.3
N-Nitroso-di-n-propylamine	<0.3	4-Nitroaniline	<9
4-Methylphenol	<3	4,6-Dinitro-2-methylphenol	<9
Nitrobenzene	<0.3	4-Bromophenyl phenyl ether	<0.3
Isophorone	<0.3	Hexachlorobenzene	<0.3
2-Nitrophenol	<3	Pentachlorophenol	29
2,4-Dimethylphenol	<3	Phenanthrene	<0.3
Benzoic acid	<30	Anthracene	<0.3
Bis(2-chloroethoxy)methane	<0.3	Carbazole	<0.3
2,4-Dichlorophenol	<3	Di-n-butyl phthalate	<0.3
1,2,4-Trichlorobenzene	<0.3	Fluoranthene	<0.3
Naphthalene	<0.3	Pyrene	<0.3
Hexachlorobutadiene	<0.3	Benzyl butyl phthalate	<0.3
4-Chloroaniline	<30	Benz(a)anthracene	<0.3
4-Chloro-3-methylphenol	<3	Chrysene	<0.3
2-Methylnaphthalene	<0.3	Bis(2-ethylhexyl) phthalate	<3
Hexachlorocyclopentadiene	<0.9	Di-n-octyl phthalate	7.9 J
2,4,6-Trichlorophenol	<3	Benzo(a)pyrene	<0.3 J
2,4,5-Trichlorophenol	<3	Benzo(b)fluoranthene	<0.3 J
2-Chloronaphthalene	<0.3	Benzo(k)fluoranthene	<0.3 J
2-Nitroaniline	<0.3	Indeno(1,2,3cd)pyrene	<0.3 J
Dimethyl phthalate	<0.3	Dibenz(a,h)anthracene	<0.3 J
Acenaphthylene	<0.3	Benzo(g,h,i)perylene	<0.3 J
2,6-Dinitrotoluene	<0.3	1-Methylnaphthalene	<3 L

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Dip Tank PO WES 1400
Date Extracted:	10/06/08	Lab ID:	081601mb
Date Analyzed:	10/07/08	Data File:	100716.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	30	118
Phenol-d6	81	30	118
Nitrobenzene-d5	84	10	180
2-Fluorobiphenyl	89	40	130
2,4,6-Tribromophenol	83	16	116
Terphenyl-d 14	83	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.3	3-Nitroaniline	<0.9
Bis(2-chloroethyl) ether	<0.03	Acenaphthene	<0.03
2-Chlorophenol	<0.3	2,4-Dinitrophenol	<0.9
1,3-Dichlorobenzene	<0.03	Dibenzofuran	<0.03
1,4-Dichlorobenzene	<0.03	2,4-Dinitrotoluene	<0.03
1,2-Dichlorobenzene	<0.03	4-Nitrophenol	<0.3
Benzyl alcohol	<0.03	Diethyl phthalate	<0.03
Bis(2-chloroisopropyl) ether	<0.03	Fluorene	<0.03
2-Methylphenol	<0.3	4-Chlorophenyl phenyl ether	<0.03
Hexachloroethane	<0.03	N-Nitrosodiphenylamine	<0.03
N-Nitroso-di-n-propylamine	<0.03	4-Nitroaniline	<0.9
4-Methylphenol	<0.3	4,6-Dinitro-2-methylphenol	<0.9
Nitrobenzene	<0.03	4-Bromophenyl phenyl ether	<0.03
Isophorone	<0.03	Hexachlorobenzene	<0.03
2-Nitrophenol	<0.3	Pentachlorophenol	<0.3
2,4-Dimethylphenol	<0.3	Phenanthrene	<0.03
Benzoic acid	<3	Anthracene	<0.03
Bis(2-chloroethoxy)methane	<0.03	Carbazole	<0.03
2,4-Dichlorophenol	<0.3	Di-n-butyl phthalate	<0.03
1,2,4-Trichlorobenzene	<0.03	Fluoranthene	<0.03
Naphthalene	<0.03	Pyrene	<0.03
Hexachlorobutadiene	<0.03	Benzyl butyl phthalate	<0.03
4-Chloroaniline	<3	Benz(a)anthracene	<0.03
4-Chloro-3-methylphenol	<0.3	Chrysene	<0.03
2-Methylnaphthalene	<0.03	Bis(2-ethylhexyl) phthalate	<0.3
Hexachlorocyclopentadiene	<0.09	Di-n-octyl phthalate	<0.03
2,4,6-Trichlorophenol	<0.3	Benzo(a)pyrene	<0.03
2,4,5-Trichlorophenol	<0.3	Benzo(b)fluoranthene	<0.03
2-Chloronaphthalene	<0.03	Benzo(k)fluoranthene	<0.03
2-Nitroaniline	<0.03	Indeno(1,2,3cd)pyrene	<0.03
Dimethyl phthalate	<0.03	Dibenz(a,h)anthracene	<0.03
Acenaphthylene	<0.03	Benzo(g,h,i)perylene	<0.03
2,6-Dinitrotoluene	<0.03		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/03/08

Date Received: 10/02/08

Project: Portac Dip Tank PO WES 1400, F & BI 810026

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 810307-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/kg (ppm)	8.85	9.86	11	0-20
Arsenic	mg/kg (ppm)	2.30	2.07	11	0-20

Laboratory Code: 810307-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	8.85	96	50-150
Arsenic	mg/kg (ppm)	10	2.30	93 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	102	70-130
Arsenic	mg/kg (ppm)	10	100	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/03/08

Date Received: 10/02/08

Project: Portac Dip Tank PO WES 1400, F & BI 810026

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270C**

Laboratory Code: 810026-33-36 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Phenol	mg/kg (ppm)	<3.0	<3.0	nm
2-Chlorophenol	mg/kg (ppm)	<3.0	<3.0	nm
1,4-Dichlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
2-Methylphenol	mg/kg (ppm)	<3.0	<3.0	nm
N-Nitroso-di-n-propylamine	mg/kg (ppm)	<0.3	<0.3	nm
4-Methylphenol	mg/kg (ppm)	<3.0	<3.0	nm
2-Nitrophenol	mg/kg (ppm)	<3.0	<3.0	nm
2,4-Dimethylphenol	mg/kg (ppm)	<3.0	<3.0	nm
Benzoic acid	mg/kg (ppm)	<30	<30	nm
2,4-Dichlorophenol	mg/kg (ppm)	<3.0	<3.0	nm
1,2,4-Trichlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
Naphthalene	mg/kg (ppm)	<0.3	<0.3	nm
4-Chloro-3-methylphenol	mg/kg (ppm)	<3.0	<3.0	nm
Hexachlorocyclopentadiene	mg/kg (ppm)	<0.9	<0.9	nm
2,4,6-Trichlorophenol	mg/kg (ppm)	<3.0	<3.0	nm
2,4,5-Trichlorophenol	mg/kg (ppm)	<3.0	<3.0	nm
Acenaphthene	mg/kg (ppm)	<0.3	<0.3	nm
2,4-Dinitrophenol	mg/kg (ppm)	<9.0	<9.0	nm
2,4-Dinitrotoluene	mg/kg (ppm)	<0.3	<0.3	nm
4-Nitrophenol	mg/kg (ppm)	<3.0	<3.0	nm
4,6-Dinitro-2-methylphenol	mg/kg (ppm)	<9.0	<9.0	nm
Hexachlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
Pentachlorophenol	mg/kg (ppm)	20	19	5
Pyrene	mg/kg (ppm)	<0.3	<0.3	nm
Benzo(a)pyrene	mg/kg (ppm)	<0.3	<0.3	nm

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/03/08

Date Received: 10/02/08

Project: Portac Dip Tank PO WES 1400, F&BI 810026

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Phenol	mg/kg (ppm)	2.5	78	80	49-103	3
2-Chlorophenol	mg/kg (ppm)	2.5	83	84	53-103	1
1,4-Dichlorobenzene	mg/kg (ppm)	1.7	81	84	52-104	4
2-Methylphenol	mg/kg (ppm)	2.5	83	84	59-95	1
N-Nitroso-di-n-propylamine	mg/kg (ppm)	1.7	84	84	46-114	0
4-Methylphenol	mg/kg (ppm)	2.5	83	83	43-103	0
2-Nitrophenol	mg/kg (ppm)	2.5	83	86	63-100	4
2,4-Dimethylphenol	mg/kg (ppm)	2.5	73	73	35-94	0
Benzoic acid	mg/kg (ppm)	2.5	71	65	49-132	9
2,4-Dichlorophenol	mg/kg (ppm)	2.5	84	88	63-99	5
1,2,4-Trichlorobenzene	mg/kg (ppm)	1.7	87	90	54-106	3
Naphthalene	mg/kg (ppm)	1.7	85	87	56-110	2
4-Chloro-3-methylphenol	mg/kg (ppm)	2.5	84	86	54-109	2
Hexachlorocyclopentadiene	mg/kg (ppm)	1.7	88	87	34-114	1
2,4,6-Trichlorophenol	mg/kg (ppm)	2.5	85	83	43-110	2
2,4,5-Trichlorophenol	mg/kg (ppm)	2.5	90	92	64-110	2
Acenaphthene	mg/kg (ppm)	1.7	88	88	55-105	0
2,4-Dinitrophenol	mg/kg (ppm)	2.5	84	82	52-128	2
2,4-Dinitrotoluene	mg/kg (ppm)	1.7	90	90	53-115	0
4-Nitrophenol	mg/kg (ppm)	2.5	85	83	46-122	2
4,6-Dinitro-2-methylphenol	mg/kg (ppm)	2.5	84	82	52-133	2
Hexachlorobenzene	mg/kg (ppm)	1.7	85	86	49-110	1
Pentachlorophenol	mg/kg (ppm)	2.5	90	90	33-127	0
Pyrene	mg/kg (ppm)	1.7	79	80	53-110	1
Benzo(a)pyrene	mg/kg (ppm)	1.7	86	87	56-111	1

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

810026

SAMPLE CLEAN OF CUSTODY

NE 10/2/08

05

Send Request To: Bob Williams
 Company: Williams Environmental Services
 Address: 5505 55th Ave NE
 City, State, ZIP: Seattle WA 98115
 Phone #: 206-555-5000

PROJECT NAME: Green Top Tank
 REMARKS: STOCKPILES
 PO #: 1000

RECEIVED DATE: 10/2/08
 RECEIVED BY: [Signature]
 SAMPLE DISPOSAL: Retain samples, Dispose after 90 days, Return samples, Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYTES REQUESTED					Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 821B	VOCs by 8260	SVOCs by 8270		HFS
21-0-10/10	01	9-30		Soil	1							
" 10-20/E	02				1							COMPOSITE
" 25-35/10	03				1							PLEASE
" 40-50/E	04				1							
" 55-65/10	05				1							COMPOSITE
" 70-80/E	06				1							PLEASE
" 85-95/10	07				1							
" 100-110/E	08				1							
" 115-125/10	09				1							COMPOSITE
" 130-140/E	10				1							COMPOSITE

10/2/08 11:00

Samples received at 20 °C

810026

SAMPLE CHAIN OF CUSTODY

ME 10/2/08

CAS

Send Report To Mr Williams
 Company Williams Fuel Services
 Address 508 35th Ave NE
 City, State, ZIP SEATTLE WA 98105
 Phone # 206-583-3309 fax # _____

PROJECT NAME(S)
BEACH IMPROVE

NO #
1420

REMARKS
STAKE-PILES

ANALYSES REQUESTED

TPH-Diesel
 TPH-Gasoline
 BTEX by 8621B
 VOCs by 8260
 SVOCs by 8270
 HFS

Notes
Composite
16-185
02/1/80-14
ABOVE
COMPOSITE
PLEASE
PLEASE

REMARKS
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8621B	VOCs by 8260	SVOCs by 8270	HFS	Notes
21 140-150/14	11	9-30		SOIL	1							
11 150-160/1E	12	9-30			1							
22 0-10/1E	13	10-1			1							
11 15-25/1C2	14	9-30			1							
11 30-40/1E	15	10-1			1							
11 40-50/1C2	16	9-30			1							
11 55-65/1E	17	10-1			1							
11 65-75/1C2	18	9-30			1							
11 80-90/1E	19	10-1			1							
11 90-100/1E	20	9-30			1							

FORM NO. 0001-0001-0001

Samples received at 20 on

Signature: [Signature] DATE: 10/2/08 TIME: 11:00
 PRINT NAME: ERIC SPURKS COMPANY: TEG

810026

SAMPLE CHAIN OF CUSTODY

HE 10/2/08

05

Send Report To: Bob Williams
 Company: Williams Environmental Services
 Address: 5505 55th Ave NE
 City, State, ZIP: Seattle WA 98115
 Phone #: 206-585-5505 Fax #:

ANALYSIS (Locations)
PROJECT NAME(S)
Remediation
FO #
1100
REMARKS
Stack Piles

DATE OF RECEIPT
10/2/08
 Standard (2 weeks)
 RUSH
 Rush charges authorized by:
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		As+C.
123 145-135/12	31	10-1		Soil	1								Composite 10/12/08
125 135-135/1E	32				1								PAR 1/30/08
124 135-85/12	33				1								Composite
" 100-110/1E	34				1								Composite
" 100-110/12	35				1								PLEASE
" 115-135/1E	36				1								Composite
" 135-135/12	37				1								PLEASE
" 140-150/1E	38				1								PLEASE
" 130-140/12	39				1								PLEASE

Signature of Driver: [Signature]
Signature of Party: [Signature]
PRINT NAME: Eric Jovine
COMPANY: FFB
DATE: 10/2/08
TIME: 11:00

Williams & Davis, Inc.
 3020 10th Avenue West
 Seattle, WA 98115-2000
 Tel: (206) 585-5505
 Fax: (206) 585-5504
 Website: www.wds.com

Samples received at 20°C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 21, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on October 22, 2008 from the Portac WES 1400, F&BI 810252 project. There is 1 page included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1121R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 22, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac WES 1400, F&BI 810252 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
810252-01	W-1
810252-02	W-2
810252-03	W-3

The samples were composited and labeled as COMP 11 per your request. Sample Comp 11 was sent to Test America-West Sacramento for Dioxin analysis. Review of the enclosed report indicates that all quality assurance was acceptable.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

November 13, 2008

TestAmerica Project Number: G8J280124
PO/Contract: H-1621

Mike Erdahl
Friedman & Bruya Inc
3012 16th Avenue West
Seattle, WA 98119-2029

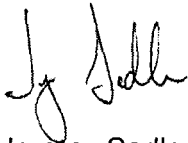
Dear Mr. Erdahl,

This report contains the analytical results for the sample received under chain of custody by TestAmerica on October 25, 2008. This sample is associated with your 810252 project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4381.

Sincerely,



Jeremy Sadler
Project Manager

Table of Contents

TestAmerica West Sacramento Project Number G8J280124

Case Narrative

Quality Assurance Program

Sample Description Information

Chain of Custody Documentation

SOLID, 8280A, Dioxins/Furans

Sample: 1

Sample Data Sheet

Method Blank Report

Laboratory QC Reports

SOLID, D 2216-90, Percent Moisture

Sample: 1

Sample Data Sheet

Laboratory QC Reports

Case Narrative

TestAmerica West Sacramento Project Number G8J280124

General Comments

As discussed on October 29, 2008, these samples were received at 12° C.

There are no other anomalies associated with this project.

TestAmerica Laboratories West Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	New York*	11666
Arizona	AZ0616	Oregon*	CA-200005
Arkansas	04-067-0	Pennsylvania	68-1272
California*	01119CA	South Carolina	37014002
Colorado	NA	Texas	TX 270-2004A
Connecticut	PH-0691	Utah*	QUANI
Florida*	E87570	Virginia	00178
Georgia	960	Washington	C087
Hawaii	NA	West Virginia	9930C, 334
Kansas*	E10375	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USAGE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613

*NELAP accredited. A more detailed parameter list is available upon request. Updated 9/21/07

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary

TestAmerica West Sacramento Project Number G8J280124

<u>WO#</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sampling Date</u>	<u>Received Date</u>
K1P41	1	COMP 11	10/22/2008	10/25/2008 10:30 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

Send Report To Michael Erdahl
 Company Friedman and Bruya, Inc.
 Address 3012 16th Ave W
 City, State, ZIP Seattle, WA 98119
 Phone # (206) 285-8282 Fax # (206) 283-5044

Page # 1 of 1

SUBCONTRACTER

PROJECT NAME/NO. 810252 PO # H-1621

REMARKS need P&D/PCDF

Please Email Results TC0007C0F
merdahl@friedmanandbruva.com to 0.01 PPM

TURNAROUND TIME

Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes							
						Oil and Grease	EPH	VPH	Nitrate	Sulfate	Alkalinity								
COMP 11		10/22/08		S	1														

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

Relinquished by: Michael Erdahl PRINT NAME: Michael Erdahl COMPANY: Friedman & Bruya DATE: 10/27/08 TIME: 9:10 AM

Received by: C. E. H. T. R. K. PRINT NAME: C. E. H. T. R. K. COMPANY: TAC - WS DATE: 10-25-08 TIME: 1430

Relinquished by: _____

Received by: _____

CLIENT Friedman J Bruya PM JS LOG# 54999

LOT# (QUANTIMS ID) G8J280124 QUOTE# 72280 LOCATION WIA

DATE RECEIVED 10-25-08 TIME RECEIVED 1030 Initials OU Date 10-25-08

DELIVERED BY FEDEX CA OVERNIGHT CLIENT
 AIRBORNE GOLDENSTATE DHL
 UPS BAX GLOBAL GO-GETTERS
 TAL COURIER VALLEY LOGISTICS MORGAN HILL COURIER
 OTHER

CUSTODY SEAL STATUS INTACT BROKEN N/A

CUSTODY SEAL #(S) _____

SHIPPING CONTAINER(S) TAL CLIENT N/A

TEMPERATURE RECORD (IN °C) IR 4 5 OTHER _____

COC #(S) N/A

TEMPERATURE BLANK Observed: N/A Corrected: _____

SAMPLE TEMPERATURE Observed: 11 Average: 11 Corrected Average: 12

COLLECTOR'S NAME: Verified from COC Not on COC

pH MEASURED YES ANOMALY N/A

LABELED BY _____

LABELS CHECKED BY _____

PEER REVIEW NA

SHORT HOLD TEST NOTIFICATION SAMPLE RECEIVING
 WETCHEM N/A
 VOA-ENCORES N/A

METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL N/A

COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES N/A

CLOUSEAU TEMPERATURE EXCEEDED (2 °C - 6 °C)¹ N/A

WET ICE BLUE ICE GEL PACK NO COOLING AGENTS USED PM NOTIFIED

Notes: _____

¹ Acceptable temperature range for State of Wisconsin samples is ≤4°C.

LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE.

Lot ID: G8J280124

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
VOAh*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
___AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
___CGJ																				
500CGJ																				
250CGJ																				
125CGJ	1																			
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
___"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

LEAVE NO SPACES BLANK. USE "NA" IF NOT APPLICABLE.

SOLID, 8280A, Dioxins/Furans

Friedman & Bruya Inc

Client Sample ID: COMP 11

Trace Level Organic Compounds

Lot-Sample #...: G8J280124-001 Work Order #...: K1P411AC Matrix.....: SOLID
 Date Sampled...: 10/22/08 Date Received...: 10/25/08
 Prep Date.....: 11/03/08 Analysis Date...: 11/05/08
 Prep Batch #...: 8308359
 Dilution Factor: 1
 % Moisture.....: 15

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.035	ng/g	SW846 8280A
Total TCDD	ND	0.37	ng/g	SW846 8280A
1,2,3,7,8-PeCDD	ND	0.17	ng/g	SW846 8280A
Total PeCDD	ND	0.33	ng/g	SW846 8280A
1,2,3,4,7,8-HxCDD	ND	0.058	ng/g	SW846 8280A
1,2,3,6,7,8-HxCDD	ND	0.38	ng/g	SW846 8280A
1,2,3,7,8,9-HxCDD	ND	0.067	ng/g	SW846 8280A
Total HxCDD	2.2		ng/g	SW846 8280A
1,2,3,4,6,7,8-HpCDD	4.5		ng/g	SW846 8280A
Total HpCDD	6.8		ng/g	SW846 8280A
OCDD	34		ng/g	SW846 8280A
2,3,7,8-TCDF	ND	0.032	ng/g	SW846 8280A
Total TCDF	ND	0.065	ng/g	SW846 8280A
1,2,3,7,8-PeCDF	ND	0.044	ng/g	SW846 8280A
2,3,4,7,8-PeCDF	ND	0.045	ng/g	SW846 8280A
Total PeCDF	ND	0.20	ng/g	SW846 8280A
1,2,3,4,7,8-HxCDF	ND	0.050	ng/g	SW846 8280A
1,2,3,6,7,8-HxCDF	ND	0.044	ng/g	SW846 8280A
2,3,4,6,7,8-HxCDF	ND	0.052	ng/g	SW846 8280A
1,2,3,7,8,9-HxCDF	ND	0.041	ng/g	SW846 8280A
Total HxCDF	ND	0.24	ng/g	SW846 8280A
1,2,3,4,6,7,8-HpCDF	ND	0.21	ng/g	SW846 8280A
1,2,3,4,7,8,9-HpCDF	ND	0.070	ng/g	SW846 8280A
Total HpCDF	0.94		ng/g	SW846 8280A
OCDF	1.5 J		ng/g	SW846 8280A

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	95	(25 - 150)
13C-2,3,7,8-TCDF	97	(25 - 150)
13C-1,2,3,6,7,8-HxCDD	98	(25 - 150)
13C-1,2,3,4,6,7,8-HpCDF	103	(25 - 150)
13C-OCDD	103	(25 - 150)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	84	(25 - 150)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

QC DATA ASSOCIATION SUMMARY

G8J280124

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	ASTM D 2216-90		8309193	8309253
	SOLID	SW846 8280A		8308359	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G8J280124
 MB Lot-Sample #: G8K030000-359

Work Order #...: K15N91AA

Matrix.....: SOLID

Prep Date.....: 11/03/08

Analysis Date...: 11/05/08

Prep Batch #...: 8308359

Dilution Factor: 1

PARAMETER	RESULT	DETECTION		METHOD
		LIMIT	UNITS	
2,3,7,8-TCDD	ND	0.026	ng/g	SW846 8280A
Total TCDD	ND	0.26	ng/g	SW846 8280A
1,2,3,7,8-PeCDD	ND	0.084	ng/g	SW846 8280A
Total PeCDD	ND	0.23	ng/g	SW846 8280A
1,2,3,4,7,8-HxCDD	ND	0.048	ng/g	SW846 8280A
1,2,3,6,7,8-HxCDD	ND	0.052	ng/g	SW846 8280A
1,2,3,7,8,9-HxCDD	ND	0.046	ng/g	SW846 8280A
Total HxCDD	ND	0.092	ng/g	SW846 8280A
1,2,3,4,6,7,8-HpCDD	ND	0.026	ng/g	SW846 8280A
Total HpCDD	ND	0.039	ng/g	SW846 8280A
OCDD	ND	0.068	ng/g	SW846 8280A
2,3,7,8-TCDF	ND	0.022	ng/g	SW846 8280A
Total TCDF	ND	0.023	ng/g	SW846 8280A
1,2,3,7,8-PeCDF	ND	0.028	ng/g	SW846 8280A
2,3,4,7,8-PeCDF	ND	0.018	ng/g	SW846 8280A
Total PeCDF	ND	0.048	ng/g	SW846 8280A
1,2,3,4,7,8-HxCDF	ND	0.018	ng/g	SW846 8280A
1,2,3,6,7,8-HxCDF	ND	0.016	ng/g	SW846 8280A
2,3,4,6,7,8-HxCDF	ND	0.016	ng/g	SW846 8280A
1,2,3,7,8,9-HxCDF	ND	0.031	ng/g	SW846 8280A
Total HxCDF	ND	0.050	ng/g	SW846 8280A
1,2,3,4,6,7,8-HpCDF	ND	0.045	ng/g	SW846 8280A
1,2,3,4,7,8,9-HpCDF	ND	0.054	ng/g	SW846 8280A
Total HpCDF	ND	0.066	ng/g	SW846 8280A
OCDF	ND	0.094	ng/g	SW846 8280A

INTERNAL STANDARDS	PERCENT	RECOVERY
	RECOVERY	LIMITS
13C-2,3,7,8-TCDD	33	(25 - 150)
13C-2,3,7,8-TCDF	33	(25 - 150)
13C-1,2,3,6,7,8-HxCDD	28	(25 - 150)
13C-1,2,3,4,6,7,8-HpCDD	30	(25 - 150)
13C-OCDD	27	(25 - 150)

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
37Cl4-2,3,7,8-TCDD	78	(25 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G8J280124 Work Order #...: K15N91AC Matrix.....: SOLID
 LCS Lot-Sample#: G8K030000-359
 Prep Date.....: 11/03/08 Analysis Date...: 11/05/08
 Prep Batch #...: 8308359
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
2,3,7,8-TCDD	112	(71 - 131)	SW846 8280A
1,2,3,7,8-PeCDD	115	(65 - 140)	SW846 8280A
1,2,3,4,7,8-HxCDD	108	(67 - 135)	SW846 8280A
1,2,3,6,7,8-HxCDD	119	(57 - 144)	SW846 8280A
1,2,3,7,8,9-HxCDD	115	(64 - 134)	SW846 8280A
1,2,3,4,6,7,8-HpCDD	116	(66 - 133)	SW846 8280A
OCDD	116	(61 - 135)	SW846 8280A
2,3,7,8-TCDF	117	(70 - 130)	SW846 8280A
1,2,3,7,8-PeCDF	115	(65 - 149)	SW846 8280A
2,3,4,7,8-PeCDF	120	(62 - 147)	SW846 8280A
1,2,3,4,7,8-HxCDF	116	(59 - 147)	SW846 8280A
1,2,3,6,7,8-HxCDF	113	(54 - 150)	SW846 8280A
2,3,4,6,7,8-HxCDF	117	(55 - 149)	SW846 8280A
1,2,3,7,8,9-HxCDF	118	(52 - 149)	SW846 8280A
1,2,3,4,6,7,8-HpCDF	115	(66 - 136)	SW846 8280A
1,2,3,4,7,8,9-HpCDF	118	(65 - 138)	SW846 8280A
OCDF	115	(62 - 135)	SW846 8280A

<u>INTERNAL STANDARD</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
13C-2,3,7,8-TCDD	82	(25 - 150)
13C-2,3,7,8-TCDF	80	(25 - 150)
13C-1,2,3,6,7,8-HxCDD	85	(25 - 150)
13C-1,2,3,4,6,7,8-HpCDF	83	(25 - 150)
13C-OCDD	85	(25 - 150)

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
37C14-2,3,7,8-TCDD	68	(25 - 150)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G8J280124 Work Order #...: K15N91AC Matrix.....: SOLID
 LCS Lot-Sample#: G8K030000-359
 Prep Date.....: 11/03/08 Analysis Date...: 11/05/08
 Prep Batch #...: 8308359
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
2,3,7,8-TCDD	2.50	2.81	ng/g	112	SW846 8280A
1,2,3,7,8-PeCDD	6.25	7.19	ng/g	115	SW846 8280A
1,2,3,4,7,8-HxCDD	6.25	6.76	ng/g	108	SW846 8280A
1,2,3,6,7,8-HxCDD	6.25	7.44	ng/g	119	SW846 8280A
1,2,3,7,8,9-HxCDD	6.25	7.22	ng/g	115	SW846 8280A
1,2,3,4,6,7,8-HpCDD	6.25	7.25	ng/g	116	SW846 8280A
OCDD	12.5	14.4	ng/g	116	SW846 8280A
2,3,7,8-TCDF	2.50	2.93	ng/g	117	SW846 8280A
1,2,3,7,8-PeCDF	6.25	7.19	ng/g	115	SW846 8280A
2,3,4,7,8-PeCDF	6.25	7.47	ng/g	120	SW846 8280A
1,2,3,4,7,8-HxCDF	6.25	7.28	ng/g	116	SW846 8280A
1,2,3,6,7,8-HxCDF	6.25	7.07	ng/g	113	SW846 8280A
2,3,4,6,7,8-HxCDF	6.25	7.34	ng/g	117	SW846 8280A
1,2,3,7,8,9-HxCDF	6.25	7.36	ng/g	118	SW846 8280A
1,2,3,4,6,7,8-HpCDF	6.25	7.20	ng/g	115	SW846 8280A
1,2,3,4,7,8,9-HpCDF	6.25	7.35	ng/g	118	SW846 8280A
OCDF	12.5	14.4	ng/g	115	SW846 8280A

<u>INTERNAL STANDARD</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
13C-2,3,7,8-TCDD	82	(25 - 150)
13C-2,3,7,8-TCDF	80	(25 - 150)
13C-1,2,3,6,7,8-HxCDD	85	(25 - 150)
13C-1,2,3,4,6,7,8-HpCDF	83	(25 - 150)
13C-OCDD	85	(25 - 150)

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
37C14-2,3,7,8-TCDD	68	(25 - 150)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

SOLID, D 2216-90, Percent Moisture

Friedman & Bruya Inc

Client Sample ID: COMP 11

General Chemistry

Lot-Sample #...: G8J280124-001
Date Sampled...: 10/22/08
% Moisture.....: 15

Work Order #...: K1P41
Date Received...: 10/25/08

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Moisture	15.1	0.10	%	ASTM D 2216-90	11/04-11/05/08	8309193

Dilution Factor: 1

QC DATA ASSOCIATION SUMMARY

G8J280124

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	ASTM D 2216-90		8309193	8309253
	SOLID	SW846 8280A		8308359	

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: G8J280124

Work Order #....: K1C9X-SMP
K1C9X-DUP

Matrix.....: SOLID

Date Sampled...: 10/22/08

Date Received...: 10/22/08

% Moisture.....: 4.6

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>						<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Percent Moisture	4.7	4.2	%	11	(0-20)		SD Lot-Sample #: G8J220256-005 ASTM D 2216-90	11/04-11/05/08	8309193

Dilution Factor: 1

810252

SAMPLE CHAIN OF CUSTODY

ME 10/22/08

DOI

Send Report To: John M. ...
 Company: Environmental Services
 Address: 5008 35th Ave NE
 City, State, ZIP: Seattle, WA 98105
 Phone #: 206-355-5555 Fax #: _____

SAMPLERS (signature) _____
 PROJECT NAME NO. _____
 REMARKS: see
 FO #: 088
WFO

FORWARDING TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes							
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS								
D-1	01	10-23-08	PM	SOIL	1														
D-2	02	"	"	"	1														
D-3	03	"	"	"	1														

Notes:
 COMPLETED
 BY: [Signature]
 DATE: 11/11/08
 TIME: 10:00 AM

Environmental Services, Inc.
 2007 10th Avenue West
 Seattle, WA 98119-2039
 PH: (206) 265-8992
 FAX: (206) 265-8944
 E-MAIL: V000-V00C.DOC

INITIALS: _____
 SIGNATURE: [Signature]
 PRINT NAME: _____
 COMPANY: DES
 DATE: 10/22/08
 TIME: 17:10

Samples received at 20 °C

Monitoring Well MW-5 and MW-6 Groundwater Samples

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 5, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on October 22, 2008 from the Portac WES 1400, F&BI 810251 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1105R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 22, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac WES 1400, F&BI 810251 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
810251-01	MW-6
810251-02	MW-7

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	MW-6	Client:	Whitman Environmental Sciences
Date Received:	10/22/08	Project:	Portac WES 1400, F&BI 810251
Date Extracted:	10/23/08	Lab ID:	810251-01 1/5
Date Analyzed:	10/24/08	Data File:	102404.D
Matrix:	Water	Instrument:	GCMS3
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	54	27	76
Phenol-d6	34	13	58
Nitrobenzene-d5	89	55	115
2-Fluorobiphenyl	94	51	113
2,4,6-Tribromophenol	104	28	107
Terphenyl-d 14	72	45	119

Compounds:	Concentration ug/L (ppb)
Pentachlorophenol	180

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	MW-7	Client:	Whitman Environmental Sciences
Date Received:	10/22/08	Project:	Portac WES 1400, F&BI 810251
Date Extracted:	10/23/08	Lab ID:	810251-02 1/20
Date Analyzed:	10/24/08	Data File:	102405.D
Matrix:	Water	Instrument:	GCMS3
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	53	27	76
Phenol-d6	36	13	58
Nitrobenzene-d5	92	55	115
2-Fluorobiphenyl	97	51	113
2,4,6-Tribromophenol	101	28	107
Terphenyl-d 14	78	45	119

Compounds:	Concentration ug/L (ppb)
Pentachlorophenol	1,600

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac WES 1400, F&BI 810251
Date Extracted:	10/23/08	Lab ID:	081706mb2
Date Analyzed:	10/23/08	Data File:	102308.D
Matrix:	Water	Instrument:	GCMS3
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	50	27	76
Phenol-d6	34	13	58
Nitrobenzene-d5	84	55	115
2-Fluorobiphenyl	87	51	113
2,4,6-Tribromophenol	93	28	107
Terphenyl-d 14	52	45	119

Compounds:	Concentration ug/L (ppb)
Pentachlorophenol	< 10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/05/08

Date Received: 10/22/08

Project: Portac WES 1400, F&BI 810251

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	ug/L (ppb)	75	89	91	24-120	2

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

810251

SAMPLE CHAIN OF CUSTODY

ME 10/22/08

203

Send Report To WILL TAYLOR
 Company WILL TAYLOR ENVIRONMENTAL SERVICES
 Address 5505 35TH AVE NE
 City, State, ZIP SEATTLE, WA 98105
 Phone # 206-333-3525 Fax # _____

SAMPLERS (signature)		PROJECT NAME/NO.		PO #	
<u>WILL TAYLOR</u>		<u>1100</u>		<u>1100</u>	
REMARKS					
<u>1100</u>					

Page # _____ of _____

FORWARD TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes												
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS													
<u>1100-1</u>	<u>01</u>	<u>10-22-08</u>	<u>11 AM</u>	<u>Water</u>	<u>1</u>																			
<u>1100-2</u>	<u>02</u>	<u>11 AM</u>	<u>11 AM</u>	<u>Water</u>	<u>1</u>																			

Prepared by: <u>WILL TAYLOR</u>	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Received by: <u>WILL TAYLOR</u>	<u>WILL TAYLOR</u>	<u>WILL TAYLOR</u>	<u>DBS</u>	<u>10-22-08 5:02</u>	
Received by: <u>WILL TAYLOR</u>	<u>WILL TAYLOR</u>	<u>WILL TAYLOR</u>	<u>DBS</u>	<u>10/22/08 17:10</u>	
Received by: _____					

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 21, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 6, 2008 from the Portac WES 1400, F&BI 811062 project. There is 1 page included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1121R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 6, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac WES 1400, F&BI 81106 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
811062-01

Whitman Environmental Sciences
MW-5

Sample MW-5 was sent to Aquatic Research for salinity analysis. Review of the enclosed report indicates that all quality assurance was acceptable.

All quality control requirements were acceptable.

**AQUATIC RESEARCH INCORPORATED**

LABORATORY & CONSULTING SERVICES
3927 AURORA AVENUE NORTH, SEATTLE, WA 98103
PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER:	FBI003-23	PAGE 1
REPORT DATE:	11/18/08	
DATE SAMPLED:	NA	DATE RECEIVED: 11/07/08
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER		
SAMPLES FROM FRIEDMAN & BRUYA, INC. / PROJECT NO. 811062		

CASE NARRATIVE

One water sample was received by the laboratory in good condition. Analysis was performed according to the chain of custody received with the sample. No difficulties were encountered in the preparation or analysis of this sample. Sample data follows while QA/QC data is contained on the following page.

SAMPLE DATA

SAMPLE ID	SALINITY (o/oo)
MW-5	<1.00



AQUATIC RESEARCH INCORPORATED
LABORATORY & CONSULTING SERVICES
 3927 AURORA AVENUE NORTH, SEATTLE, WA 98103
 PHONE: (206) 632-2715 FAX: (206) 632-2417

CASE FILE NUMBER: FBI003-23 **PAGE 2**
REPORT DATE: 11/18/08
DATE SAMPLED: NA **DATE RECEIVED:** 11/07/08
FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER
SAMPLES FROM FRIEDMAN & BRUYA, INC. / PROJECT NO. 811062

QA/QC DATA

QC PARAMETER	SALINITY (0/00)
METHOD	SM210C
DATE ANALYZED	11/08/08
DETECTION LIMIT	1.00
DUPLICATE	
SAMPLE ID	MW-5
ORIGINAL	<1.00
DUPLICATE	<1.00
RPD	NC
SPIKE SAMPLE	
SAMPLE ID	
ORIGINAL	
SPIKED SAMPLE	
SPIKE ADDED	
% RECOVERY	NA
QC CHECK	
FOUND	
TRUE	
% RECOVERY	NA
BLANK	<1.00

RPD = RELATIVE PERCENT DIFFERENCE.
 NA = NOT APPLICABLE OR NOT AVAILABLE.
 NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.
 OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TO LOW RELATIVE TOO SAMPLE CONCENTRATION.

SUBMITTED BY:

Steven Lazoff
 Laboratory Director

811062

SAMPLE CHAIN OF CUSTODY ME 11-06-08

ADG

Send Report To Mr. Williams
 Company ACES
 Address 5501 35th Ave NE
 City, State, ZIP Seattle, WA 98105
 Phone # 523-3585 Fax # _____

SAMPLERS (signature)
PROJECT NAME/NO.
ACES
FO #
1400

REMARKS

Page # _____ of _____
TURNAROUND TIME
 Standard (2 Weeks)
 Rush
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		
<u>M13-5</u>	<u>01A-B</u>	<u>11-6-08</u>	<u>1:00</u>	<u>WATER</u>	<u>2</u>							<u>ADVISORY</u>	<u>LAB NUMBER</u> <u>LITER FOR</u> <u>POSSIBLE</u> <u>BR70</u> <u>SEM-</u> <u>VALS</u>

Prepared by: _____
 Checked by: _____
 Approved by: _____

REMOVED BY: _____
PRINT NAME: _____
COMPANY: ACES
DATE: 11/06/08 **TIME:** 5:00 PM

Samples received at 16 °C

Pentachlorophenol Spray Booth Area Samples

Mill Spray Booth Area

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 13, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 6, 2008 from the Portac Mill Spray Booth WES 1400, F&BI 811058 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1113R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 6, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Mill Spray Booth WES 1400, F&BI 811058 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811058-01	Mill E-Base-9.5
811058-02	Mill W. Base 10.5
811058-03	Mill NSW-5'
811058-04	Mill ESW-3'
811058-05	Mill SSW-4.5'
811058-06	Mill WSW-6'
811058-07	Mill STK-W
811058-08	Mill STK-N
811058-09	Mill STK-E

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill E-Base-9.5	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-01 1/10
Date Analyzed:	11/08/08	Data File:	110733.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	91	30	118
Nitrobenzene-d5	92	10	180
2-Fluorobiphenyl	95	40	130
2,4,6-Tribromophenol	82	16	116
Terphenyl-d 14	86	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill W. Base 10.5	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-02 1/10
Date Analyzed:	11/08/08	Data File:	110734.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	97	30	118
Phenol-d6	96	30	118
Nitrobenzene-d5	100	10	180
2-Fluorobiphenyl	105	40	130
2,4,6-Tribromophenol	82	16	116
Terphenyl-d 14	94	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill NSW-5	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-03 1/10
Date Analyzed:	11/08/08	Data File:	110735.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	95	30	118
Phenol-d6	96	30	118
Nitrobenzene-d5	99	10	180
2-Fluorobiphenyl	103	40	130
2,4,6-Tribromophenol	75	16	116
Terphenyl-d 14	91	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill ESW-3	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-04 1/10
Date Analyzed:	11/08/08	Data File:	110736.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	96	30	118
Phenol-d6	96	30	118
Nitrobenzene-d5	99	10	180
2-Fluorobiphenyl	101	40	130
2,4,6-Tribromophenol	78	16	116
Terphenyl-d 14	88	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill SSW-45	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-05 1/10
Date Analyzed:	11/08/08	Data File:	110737.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	98	30	118
Phenol-d6	98	30	118
Nitrobenzene-d5	103	10	180
2-Fluorobiphenyl	106	40	130
2,4,6-Tribromophenol	80	16	116
Terphenyl-d 14	94	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill WSW-6	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-06 1/10
Date Analyzed:	11/08/08	Data File:	110739.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	102	30	118
Phenol-d6	101	30	118
Nitrobenzene-d5	105	10	180
2-Fluorobiphenyl	106	40	130
2,4,6-Tribromophenol	86	16	116
Terphenyl-d 14	94	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill STK-W	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-07 1/10
Date Analyzed:	11/08/08	Data File:	110740.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	102	30	118
Phenol-d6	104	30	118
Nitrobenzene-d5	106	10	180
2-Fluorobiphenyl	109	40	130
2,4,6-Tribromophenol	88	16	116
Terphenyl-d 14	97	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill STK-N	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-08 1/10
Date Analyzed:	11/08/08	Data File:	110741.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	98	30	118
Phenol-d6	102	30	118
Nitrobenzene-d5	104	10	180
2-Fluorobiphenyl	107	40	130
2,4,6-Tribromophenol	85	16	116
Terphenyl-d 14	97	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill STK-E	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	811058-09 1/10
Date Analyzed:	11/08/08	Data File:	110738.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	97	30	118
Phenol-d6	98	30	118
Nitrobenzene-d5	102	10	180
2-Fluorobiphenyl	104	40	130
2,4,6-Tribromophenol	85	16	116
Terphenyl-d 14	95	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Mill Spray Booth WES 1400
Date Extracted:	11/07/08	Lab ID:	081782mb
Date Analyzed:	11/07/08	Data File:	110718.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	86	30	118
Phenol-d6	89	30	118
Nitrobenzene-d5	91	10	180
2-Fluorobiphenyl	93	40	130
2,4,6-Tribromophenol	90	16	116
Terphenyl-d 14	79	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<0.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: Portac Mill Spray Booth WES 1400, F&BI 811058

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811059-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	2.5	93	93	31-125	0

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811058

SAMPLE CHAIN OF CUSTODY ME 11-06-08

423

Send Report To: William
 Company: Williams Fuel Services
 Address: 5500 35th Ave NE
 City, State, ZIP: Seattle WA 98105
 Phone #: 523-3505 Fax # _____

SAMPLERS (signature) _____

PROJECT NAME/NO. _____

FO # _____

REMARKS
ALL SPRAY BOOTH

Page # _____ of _____

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 48 HR Please Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED					Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	
<u>MLL E-BASE-9.5</u>	<u>01</u>	<u>11-6-08</u>	<u>AM</u>	<u>SOIL</u>	<u>1</u>						<u>PROTECTED AREA</u>
<u>" CD. BASE 10.5</u>	<u>02</u>										
<u>" NSCD-5</u>	<u>03</u>										
<u>" ESCD-3</u>	<u>04</u>										
<u>" SSCD-4.5</u>	<u>05</u>										
<u>" SSCD-6.1</u>	<u>06</u>										
<u>" STK-CD</u>	<u>07</u>										
<u>STK-N</u>	<u>08</u>										
<u>STK-E</u>	<u>09</u>										

President & Director, Inc.
 1012 10th Avenue West
 Seattle, WA 98119-3030
 Ph. (206) 885-8882
 Fax (206) 883-8044
 FORM NO. CCO-0801-3000

Requested by: _____	PERMITS	PIPER NAME	COMPANY	DATE	TIME
Requested by: <u>[Signature]</u>			<u>ARES</u>	<u>11-06-08</u>	<u>5:15</u>
Requested by: _____			<u>FBI</u>	<u>11/06/09</u>	<u>5:15</u>
Requested by: _____					

Samples received at 16 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 24, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 12, 2008 from the Portac Mill WES-1400, F&BI 811114 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1124R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 12, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Mill WES-1400, F&BI 81114 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
81114-01	Mill STK-COMP1
81114-02	Mill STK-COMPS

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill STK-COMP	Client:	Whitman Environmental Sciences
Date Received:	11/12/08	Project:	Portac Mill WES-1400, F&BI 811114
Date Extracted:	11/12/08	Lab ID:	811114-01 1/10
Date Analyzed:	11/12/08	Data File:	111216.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	94	30	118
Phenol-d6	91	30	118
Nitrobenzene-d5	98	10	180
2-Fluorobiphenyl	104	40	130
2,4,6-Tribromophenol	85	16	116
Terphenyl-d14	91	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Mill STK-COMPS	Client:	Whitman Environmental Sciences
Date Received:	11/12/08	Project:	Portac Mill WES-1400, F&BI 811114
Date Extracted:	11/12/08	Lab ID:	811114-02 1/10
Date Analyzed:	11/12/08	Data File:	111217.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	99	30	118
Phenol-d6	98	30	118
Nitrobenzene-d5	102	10	180
2-Fluorobiphenyl	112	40	130
2,4,6-Tribromophenol	95	16	116
Terphenyl-d14	99	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Mill WES-1400, F&BI 811114
Date Extracted:	11/12/08	Lab ID:	081823mb
Date Analyzed:	11/12/08	Data File:	111215.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	30	118
Phenol-d6	86	30	118
Nitrobenzene-d5	87	10	180
2-Fluorobiphenyl	88	40	130
2,4,6-Tribromophenol	88	16	116
Terphenyl-d14	76	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<0.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/08

Date Received: 11/12/08

Project: Portac Mill WES-1400, F&BI 811114

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811114-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	2.5	76	79	31-125	4

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811114

SAMPLE CLEANUP OF COMBUSTOR ME 11-12-08

401

Send Report To Bill Williams
 Company Williams Environmental Services
 Address 5505 S. 55th Ave NE
 City, State, ZIP Seattle, WA 98148
 Phone # 206-353-3505 Fax # _____

PROJECT NAME(S)		FO #
<u>Gravel Mill</u>		<u>085-1400</u>
REMARKS		

Number of 1 **FORNAPOUND TEST**
 (Standard @ Weekly)
 Return 48 Hr Report
 (Each charge submitted by: _____)

SAMPLE DISPOSAL

Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED							Notes						
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS								
<u>MILL STR-COMB/</u>	<u>01</u>	<u>11-11-08</u>	<u>PM</u>	<u>2014</u>	<u>1</u>														
<u>" "</u>	<u>COMP 5</u>	<u>02</u>	<u>" "</u>	<u>" "</u>	<u>1</u>														

ANALYST	CLIENT	DATE
<u>[Signature]</u>	<u>Williams Environmental</u>	<u>11/20/08</u>
LABORATORY	PROJECT	TIME
<u>Williams Environmental</u>	<u>Gravel Mill</u>	<u>11/20/08 9:05</u>

Williams & Davis, Inc.
 1001 10th Avenue West
 Seattle, WA 98119-3000
 PH: (206) 835-4000
 FAX: (206) 835-4044
 WWW: WWW.WDINC.BDC

Pentachlorophenol Spray Booth Area Samples

Planer Spray Booth Area Test Pits and Excavation Samples

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 13, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 6, 2008 from the Portac Test Pits PO WES 1400, F&BI 811059 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1113R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 6, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Test Pits PO WES 1400, F&BI 811059 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811059-01	PTP-1-2'
811059-02	PTP-1-5'
811059-03	PTP-2-2.5'
811059-04	PTP-3-6'
811059-05	PTP-4-3'
811059-06	D4SB-3.5'

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-1-2'	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Test Pits POWES 1400
Date Extracted:	11/07/08	Lab ID:	811059-01 1/10
Date Analyzed:	11/08/08	Data File:	110728.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	30	118
Phenol-d6	78	30	118
Nitrobenzene-d5	103	10	180
2-Fluorobiphenyl	112	40	130
2,4,6-Tribromophenol	78	16	116
Terphenyl-d14	100	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	6.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP- 1-5	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Test Pits PO WES 1400
Date Extracted:	11/07/08	Lab ID:	811059-02 1/10
Date Analyzed:	11/08/08	Data File:	110729.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	88	30	118
Phenol-d6	88	30	118
Nitrobenzene-d5	98	10	180
2-Fluorobiphenyl	105	40	130
2,4,6-Tribromophenol	87	16	116
Terphenyl-d 14	94	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	16

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-2-25	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Test Pits POWES 1400
Date Extracted:	11/07/08	Lab ID:	811059-03 1/10
Date Analyzed:	11/08/08	Data File:	110730.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	90	30	118
Nitrobenzene-d5	94	10	180
2-Fluorobiphenyl	99	40	130
2,4,6-Tribromophenol	73	16	116
Terphenyl-d14	90	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-36	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Test Pits POWES 1400
Date Extracted:	11/07/08	Lab ID:	811059-04 1/10
Date Analyzed:	11/08/08	Data File:	110731.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	97	30	118
Phenol-d6	97	30	118
Nitrobenzene-d5	101	10	180
2-Fluorobiphenyl	108	40	130
2,4,6-Tribromophenol	86	16	116
Terphenyl-d14	95	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-43	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac Test Pits PO WES 1400
Date Extracted:	11/07/08	Lab ID:	811059-05 1/10
Date Analyzed:	11/08/08	Data File:	110732.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	92	30	118
Phenol-d6	94	30	118
Nitrobenzene-d5	96	10	180
2-Fluorobiphenyl	101	40	130
2,4,6-Tribromophenol	81	16	116
Terphenyl-d14	91	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	D4SB-3.5	Client:	Whitman Environmental Sciences
Date Received:	11.06.08	Project:	Portac Test Pits POWES 1400
Date Extracted:	11.07.08	Lab ID:	811059-06 1/10
Date Analyzed:	11.07.08	Data File:	110726.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	88	30	118
Phenol-d6	90	30	118
Nitrobenzene-d5	92	10	180
2-Fluorobiphenyl	100	40	130
2,4,6-Tribromophenol	86	16	116
Terphenyl-d14	90	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Test Pits POWES 1400
Date Extracted:	11/07/08	Lab ID:	081782mb
Date Analyzed:	11/07/08	Data File:	110718D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	86	30	118
Phenol-d6	89	30	118
Nitrobenzene-d5	91	10	180
2-Fluorobiphenyl	93	40	130
2,4,6-Tribromophenol	90	16	116
Terphenyl-d14	79	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<0.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: Portac Test Pits PO WES 1400, F&BI 811059

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811059-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	2.5	93	93	31-125	0

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811059

SAMPLE CHAIN OF CUSTODY ME 11-06-08

A03

Send Report To Mr. Williams
 Company CEES
 Address 5505 35th Ave NE
 City, State, ZIP Seattle, WA 98105
 Phone # 525-3508 Fax #

SAMPLERS (signature) _____
 PROJECT NAME/NO. CEES
 REMARKS TEST PITS
 PO # 1100

Page # _____ of _____
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 90 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
PPP-1-2-1	01	11-6-08		SOIL	1							RESULTS
PPP-1-5-1	02											BY
PPP-2-2.5-1	03											THURS.
PPP-3-6-1	04											WED. 11/11
PPP-4-3-1	05											THUR.
PPP-3-3.5-1	06											

Producers & Drillers, Inc.
 2012 10th Avenue West
 Everett, WA 98119-8029
 PH. (206) 895-8882
 FAX (206) 892-8044
 P0589N000C000C.DOC

Subscribed by: [Signature] PRINT NAME
 Approved by: [Signature] COMPANY
 Date: 11-05-08 5:15
 Approved by: [Signature] COMPANY
 Date: 11/06/08 5:15 PM

Samples received at 16 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 24, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 13, 2008 from the Portac Planer WES 1400, F&BI 811132 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1124R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 13, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Planer WES 1400, F&BI 811132 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811132-01	PTP- 1REX-7'
811132-02	PTP- 1REX-NSW-6'
811132-03	PTP- 1REX-SWSW-5'
811132-04	PTP- 1REX-SSW-4'

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP- IREX-7	Client:	Whitman Environmental Sciences
Date Received:	11/13/08	Project:	Portac Planer WES 1400, F&BI 811132
Date Extracted:	11/13/08	Lab ID:	811132-01 1/10
Date Analyzed:	11/18/08	Data File:	111814.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	101	30	118
Phenol-d6	102	30	118
Nitrobenzene-d5	109	10	180
2-Fluorobiphenyl	102	40	130
2,4,6-Tribromophenol	84	16	116
Terphenyl-d 14	94	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP- IREX-NSW-6	Client:	Whitman Environmental Sciences
Date Received:	11/13/08	Project:	Portac Planer WES 1400, F&BI 811132
Date Extracted:	11/13/08	Lab ID:	811132-02 1/10
Date Analyzed:	11/18/08	Data File:	111815.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	102	30	118
Phenol-d6	104	30	118
Nitrobenzene-d5	108	10	180
2-Fluorobiphenyl	103	40	130
2,4,6-Tribromophenol	85	16	116
Terphenyl-d 14	96	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP- IREX-SWSW-5	Client:	Whitman Environmental Sciences
Date Received:	11/13/08	Project:	Portac Planer WES 1400, F&BI 811132
Date Extracted:	11/13/08	Lab ID:	811132-03 1/10
Date Analyzed:	11/18/08	Data File:	111816.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	95	30	118
Nitrobenzene-d5	107	10	180
2-Fluorobiphenyl	98	40	130
2,4,6-Tribromophenol	83	16	116
Terphenyl-d 14	88	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	20

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP- IREX-SSW-4'	Client:	Whitman Environmental Sciences
Date Received:	11/13/08	Project:	Portac Planer WES 1400, F&BI 811132
Date Extracted:	11/13/08	Lab ID:	811132-04 1/50
Date Analyzed:	11/19/08	Data File:	111911.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	0ds	27	76
Phenol-d6	0ds	13	58
Nitrobenzene-d5	96	55	115
2-Fluorobiphenyl	101	51	113
2,4,6-Tribromophenol	0ds	28	107
Terphenyl-d 14	86	45	119

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Planer WES 1400, F&BI 811132
Date Extracted:	11/13/08	Lab ID:	081823mb2 1/5
Date Analyzed:	11/18/08	Data File:	111807.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	90	30	118
Phenol-d6	91	30	118
Nitrobenzene-d5	94	10	180
2-Fluorobiphenyl	95	40	130
2,4,6-Tribromophenol	72	16	116
Terphenyl-d 14	87	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<1.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/08

Date Received: 11/13/08

Project: Portac Planer WES 1400, F&BI 811132

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811114-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	2.5	76	79	31-125	4

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

811132

SAMPLE CHAIN OF CUSTODY

NE 11-13-08

A-01

Send Report To Tim Williams
 Company WILLIAMS ENV SERVICES
 Address 5505 35TH AVE NE
 City, State, ZIP SEATTLE WA 98105
 Phone # 206-583-3528 Fax # _____

SAMPLERS (Signature)	
PROJECT NAME/NO.	PO #
<u>Sample Error</u>	<u>265</u>
REMARKS	<u>1400</u>

Page # _____ of _____
 RETURN/ROUND TIME
 Standard (2 Weeks)
 RUSH RTW
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS			
<u>PTP/REX-7'</u>	<u>01</u>	<u>11-13-08</u>	<u>1M</u>	<u>SOIL</u>	<u>1</u>									
<u>PTP/REX-1150-6'</u>	<u>02</u>	<u>11-13-08</u>	<u>1M</u>	<u>SOIL</u>	<u>1</u>									
<u>PTP/REX-5050-5'</u>	<u>03</u>	<u>11-13-08</u>	<u>1M</u>	<u>SOIL</u>	<u>1</u>									
<u>PTP/REX-530-4'</u>	<u>04</u>	<u>11-13-08</u>	<u>1M</u>	<u>SOIL</u>	<u>1</u>									

Submitted by: <u>[Signature]</u>	PRINT NAME	COMPANY	DATE	TIME
Received by: <u>[Signature]</u>	<u>Shawn [Signature]</u>	<u>FEBS</u>	<u>11/30/08</u>	<u>12:15</u>
Received by: <u>[Signature]</u>	<u>Shawn [Signature]</u>	<u>FEBI</u>	<u>11/13/08</u>	<u>10:15</u>
Received by: _____	_____	_____	_____	_____

Procedures & Design, Inc.
 2012 10th Avenue West
 Seattle, WA 98119-8029
 Ph. (206) 265-8982
 Fax (206) 265-8944
 PC000000000000000000000000

Samples received at 3 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 25, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 17, 2008 from the Portac Planer, WES-1400, F&BI 811187 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1125R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 17, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Planer, WES-1400, F&BI 811187 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811187-01	PTP REX2-BASE-6
811187-02	PTP REX2-WSW-4
811187-03	PTP REX2-ESW-4
811187-04	PTP REX2-SSW-4
811187-05	PTP REX2-NSW-4

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP/REX2-BASE-6	Client:	Whitman Environmental Sciences
Date Received:	11/17/08	Project:	Portac Planer, WES- 1400, F&BI 811187
Date Extracted:	11/18/08	Lab ID:	811187-01 1/10
Date Analyzed:	11/18/08	Data File:	111808.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	92	30	118
Nitrobenzene-d5	96	10	180
2-Fluorobiphenyl	92	40	130
2,4,6-Tribromophenol	78	16	116
Terphenyl-d 14	84	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP/REX2-WSW-4	Client:	Whitman Environmental Sciences
Date Received:	11/17/08	Project:	Portac Planer, WES- 1400, F&BI 811187
Date Extracted:	11/18/08	Lab ID:	811187-02 1/10
Date Analyzed:	11/18/08	Data File:	111809.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	92	30	118
Phenol-d6	92	30	118
Nitrobenzene-d5	95	10	180
2-Fluorobiphenyl	91	40	130
2,4,6-Tribromophenol	73	16	116
Terphenyl-d 14	83	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP/REX2-ESW-4	Client:	Whitman Environmental Sciences
Date Received:	11/17/08	Project:	Portac Planer, WES- 1400, F&BI 811187
Date Extracted:	11/18/08	Lab ID:	811187-03 1/10
Date Analyzed:	11/18/08	Data File:	111810.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	23ip	30	118
Phenol-d6	11 ip	30	118
Nitrobenzene-d5	97	10	180
2-Fluorobiphenyl	90	40	130
2,4,6-Tribromophenol	36	16	116
Terphenyl-d 14	80	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP/REX2-SSW-4	Client:	Whitman Environmental Sciences
Date Received:	11/17/08	Project:	Portac Planer, WES- 1400, F&BI 811187
Date Extracted:	11/18/08	Lab ID:	811187-04 1/10
Date Analyzed:	11/18/08	Data File:	111811.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	92	30	118
Phenol-d6	92	30	118
Nitrobenzene-d5	98	10	180
2-Fluorobiphenyl	92	40	130
2,4,6-Tribromophenol	76	16	116
Terphenyl-d 14	83	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP/REX2-NSW-4	Client:	Whitman Environmental Sciences
Date Received:	11/17/08	Project:	Portac Planer, WES- 1400, F&BI 811187
Date Extracted:	11/18/08	Lab ID:	811187-05 1/10
Date Analyzed:	11/18/08	Data File:	111812D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	6ip	30	118
Phenol-d6	6ip	30	118
Nitrobenzene-d5	99	10	180
2-Fluorobiphenyl	93	40	130
2,4,6-Tribromophenol	12ip	16	116
Terphenyl-d 14	84	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	30

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Planer, WES- 1400, F&BI 811187
Date Extracted:	11/18/08	Lab ID:	081849mb
Date Analyzed:	11/18/08	Data File:	111806.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	85	30	118
Phenol-d6	85	30	118
Nitrobenzene-d5	88	10	180
2-Fluorobiphenyl	86	40	130
2,4,6-Tribromophenol	83	16	116
Terphenyl-d 14	81	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<0.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/25/08

Date Received: 11/17/08

Project: Portac Planer, WES- 1400, F&BI 811187

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811187-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	2.5	78	77	31-125	1

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811187

SAMPLE CHAIN OF CUSTODY

ME 11-17-08

B01

Send Report To Thos Williams
 Company Williams Env. Sv
 Address 508 35th Ave SE
 City, State, ZIP Seattle, WA 98108
 Phone # 523-3808 Fax # _____

SAMPLES (signature)
PROJECT NAME/NO.
REMARKS
PO #

THOMAS WILLIAMS
SPRINKLER
055
1700

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 28 hrs
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes			
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS				
PP-1/REX3-BREK 01		11-17-08	PM	SOIL	1										
" " -0500-4	02	"	"		1										
" " ESSD-4	03	"	"		1										
" " SSID-4	04	"	"		1										
" " NSID-4	05	"	"		1										

Prochemics & Design, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-3029
 Ph. (206) 266-6983
 Fax (206) 266-6944
 FID#000000000000000000

INITIALS **PRINT NAME** **COMPANY** **DATE** **TIME**

Samples received at 19 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

December 3, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 21, 2008 from the Portac Planer WES 1400, F&BI 811259 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES 1203R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 21, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Planer WES 1400, F&BI 811259 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811259-01	PTP-REX3-SWSW-4
811259-02	PTP-REX3-WSW-4
811259-03	PTP-REX3-NEC-4
811259-04	PTP-REX3-SEC-4

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-REX3-SWSW-4	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planer WES 1400, F&BI 811259
Date Extracted:	11/24/08	Lab ID:	811259-01 1/10
Date Analyzed:	11/25/08	Data File:	112425.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	94	30	118
Nitrobenzene-d5	94	10	180
2-Fluorobiphenyl	92	40	130
2,4,6-Tribromophenol	71	16	116
Terphenyl-d14	87	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-REX3-WSW-4	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planer WES 1400, F&BI 811259
Date Extracted:	11/24/08	Lab ID:	811259-02 1/10
Date Analyzed:	11/25/08	Data File:	112426.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	92	30	118
Nitrobenzene-d5	93	10	180
2-Fluorobiphenyl	94	40	130
2,4,6-Tribromophenol	61	16	116
Terphenyl-d14	89	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-REX3-NEC-4	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planer WES 1400, F&BI 811259
Date Extracted:	11/24/08	Lab ID:	811259-03 1/10
Date Analyzed:	11/25/08	Data File:	112427.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	95	30	118
Phenol-d6	95	30	118
Nitrobenzene-d5	96	10	180
2-Fluorobiphenyl	95	40	130
2,4,6-Tribromophenol	67	16	116
Terphenyl-d14	87	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	PTP-REX3-SEC-4	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planer WES 1400, F&BI 811259
Date Extracted:	11/24/08	Lab ID:	811259-04 1/10
Date Analyzed:	11/25/08	Data File:	112428D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	89	30	118
Phenol-d6	88	30	118
Nitrobenzene-d5	96	10	180
2-Fluorobiphenyl	95	40	130
2,4,6-Tribromophenol	61	16	116
Terphenyl-d 14	87	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Planer WES 1400, F&BI 811259
Date Extracted:	11/24/08	Lab ID:	081883mb
Date Analyzed:	11/24/08	Data File:	112421.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	89	30	118
Phenol-d6	92	30	118
Nitrobenzene-d5	92	10	180
2-Fluorobiphenyl	92	40	130
2,4,6-Tribromophenol	95	16	116
Terphenyl-d14	87	30	144

Compounds:	Concentration mg/kg (ppm)
Pentachlorophenol	<0.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/03/08

Date Received: 11/21/08

Project: Portac Planer WES 1400, F&BI 811259

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811220-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	<0.3	<0.3	nm

Laboratory Code: 811220-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Pentachlorophenol	mg/kg (ppm)	2.5	<0.3	64	31-120

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Pentachlorophenol	mg/kg (ppm)	2.5	91	91	31-125	0

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811259

SAMPLE CHAIN OF CUSTODY

ME 11/21/08 1301

Send Report To PO [Signature]
 Company William Bill Street
 Address 500 35th Ave SE
 City, State, ZIP Seattle, WA 98104
 Phone # 509-358-3888 Fax # _____

SAMPLERS (Signatures)	
PROJECT NAME/NO.	PO #
<u>Soil Sample</u>	<u>1400</u>
REMARKS	

FORWARDING TIME
<input type="checkbox"/> Standard (2 Weeks)
<input checked="" type="checkbox"/> RUSH <u>48 HR</u>
Rush charges authorized by: _____
SAMPLE DISPOSAL
<input type="checkbox"/> Dispose after 90 days
<input type="checkbox"/> Return samples
<input type="checkbox"/> Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		
TPH-REX3-SASS-4-01		11-21		Soil	1								
" " OSD-4-02		"			1								
" " WEL-4		"											
" " SEL-4		"											

Requested by:	RECEIVED	PRINT NAME	COMPANY	DATE	TIME
<u>[Signature]</u>			<u>ACES</u>	<u>11/21/08</u>	<u>16:45</u>
Received by:					
<u>[Signature]</u>			<u>FBI</u>		
Requested by:					
<u>[Signature]</u>					
Received by:					
<u>[Signature]</u>					

FORM NO. 000-000-000

Samples received at 17 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

December 2, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 21, 2008 from the Portac Planner PO WES- 1400, F&BI 811258 project. There are 18 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES 1202R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 21, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Planner PO WES-1400, F&BI 811258 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811258-01	W-1-STK
811258-02	W-2-STK
811258-03	W-3-STK

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08
Date Received: 11/21/08
Project: Portac Planner PO WES- 1400, F&BI 811258
Date Extracted: 12/01/08
Date Analyzed: 12/01/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
W-1-STK 811258-01	<50	<250	97
W-2-STK 811258-02	<50	<250	93
W-3-STK 811258-03	<50	<250	91
Method Blank	<50	<250	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	W-1-STK	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planner PO WES-1400
Date Extracted:	12/01/08	Lab ID:	811258-01
Date Analyzed:	12/02/08	Data File:	811258-01.026
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	96	60	125
Indium	91	60	125
Holmium	98	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	15.4
Arsenic	2.77
Selenium	<1
Silver	<1
Cadmium	<1
Barium	44.3
Lead	6.27

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	W-2-STK	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planner PO WES-1400
Date Extracted:	12/01/08	Lab ID:	811258-02
Date Analyzed:	12/02/08	Data File:	811258-02.030
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	96	60	125
Indium	91	60	125
Holmium	94	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	14.2
Arsenic	3.05
Selenium	<1
Silver	<1
Cadmium	<1
Barium	32.0
Lead	4.17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	W-3-STK	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planner PO WES-1400
Date Extracted:	12/01/08	Lab ID:	811258-03
Date Analyzed:	12/02/08	Data File:	811258-03.031
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	97	60	125
Indium	91	60	125
Holmium	94	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	13.9
Arsenic	2.41
Selenium	<1
Silver	<1
Cadmium	<1
Barium	34.3
Lead	3.45

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	NA	Project:	Portac Planner PO WES-1400
Date Extracted:	12/01/08	Lab ID:	I8-454 mb
Date Analyzed:	12/02/08	Data File:	I8-454 mb.024
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	87	60	125
Indium	87	60	125
Holmium	96	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Selenium	<1
Silver	<1
Cadmium	<1
Barium	<1
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08

Date Received: 11/21/08

Project: Portac Planner PO WES- 1400, F&BI 811258

Date Extracted: 12/01/08

Date Analyzed: 12/02/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL MERCURY
USING EPA METHOD 1631E**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Total Mercury</u>
W-1-STK 811258-01	1.5
W-2-STK 811258-02	1.2
W-3-STK 811258-03	0.73
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	W-1-STK	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planner PO WES-1400
Date Extracted:	11/24/08	Lab ID:	811258-01 1/10
Date Analyzed:	11/24/08	Data File:	112422.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	91	30	118
Nitrobenzene-d5	95	10	180
2-Fluorobiphenyl	96	40	130
2,4,6-Tribromophenol	76	16	116
Terphenyl-d14	90	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<3	3-Nitroaniline	<9
Bis(2-chloroethyl) ether	<0.3	Acenaphthene	<0.3
2-Chlorophenol	<3	2,4-Dinitrophenol	<9
1,3-Dichlorobenzene	<0.3	Dibenzofuran	<0.3
1,4-Dichlorobenzene	<0.3	2,4-Dinitrotoluene	<0.3
1,2-Dichlorobenzene	<0.3	4-Nitrophenol	<3
Benzyl alcohol	<0.3	Diethyl phthalate	<0.3
Bis(2-chloroisopropyl) ether	<0.3	Fluorene	<0.3
2-Methylphenol	<3	4-Chlorophenyl phenyl ether	<0.3
Hexachloroethane	<0.3	N-Nitrosodiphenylamine	<0.3
N-Nitroso-di-n-propylamine	<0.3	4-Nitroaniline	<9
4-Methylphenol	<3	4,6-Dinitro-2-methylphenol	<9
Nitrobenzene	<0.3	4-Bromophenyl phenyl ether	<0.3
Isophorone	<0.3	Hexachlorobenzene	<0.3
2-Nitrophenol	<3	Pentachlorophenol	4.0
2,4-Dimethylphenol	<3	Phenanthrene	<0.3
Benzoic acid	<30	Anthracene	<0.3
Bis(2-chloroethoxy)methane	<0.3	Carbazole	<0.3
2,4-Dichlorophenol	<3	Di-n-butyl phthalate	<0.3
1,2,4-Trichlorobenzene	<0.3	Fluoranthene	<0.3
Naphthalene	<0.3	Pyrene	<0.3
Hexachlorobutadiene	<0.3	Benzyl butyl phthalate	<0.3
4-Chloroaniline	<30	Benz(a)anthracene	<0.3
4-Chloro-3-methylphenol	<3	Chrysene	<0.3
2-Methylnaphthalene	<0.3	Bis(2-ethylhexyl) phthalate	<3
Hexachlorocyclopentadiene	<0.9	Di-n-octyl phthalate	<0.3
2,4,6-Trichlorophenol	<3	Benzo(a)pyrene	<0.3
2,4,5-Trichlorophenol	<3	Benzo(b)fluoranthene	<0.3
2-Chloronaphthalene	<0.3	Benzo(k)fluoranthene	<0.3
2-Nitroaniline	<0.3	Indeno(1,2,3-cd)pyrene	<0.3
Dimethyl phthalate	<0.3	Dibenz(a,h)anthracene	<0.3
Acenaphthylene	<0.3	Benzo(g,h,i)perylene	<0.3
2,6-Dinitrotoluene	<0.3		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	W-2-STK	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planner PO WES-1400
Date Extracted:	11/24/08	Lab ID:	811258-02 1/10
Date Analyzed:	11/24/08	Data File:	112423.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	30	118
Phenol-d6	91	30	118
Nitrobenzene-d5	93	10	180
2-Fluorobiphenyl	94	40	130
2,4,6-Tribromophenol	76	16	116
Terphenyl-d14	91	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<3	3-Nitroaniline	<9
Bis(2-chloroethyl) ether	<0.3	Acenaphthene	<0.3
2-Chlorophenol	<3	2,4-Dinitrophenol	<9
1,3-Dichlorobenzene	<0.3	Dibenzofuran	<0.3
1,4-Dichlorobenzene	<0.3	2,4-Dinitrotoluene	<0.3
1,2-Dichlorobenzene	<0.3	4-Nitrophenol	<3
Benzyl alcohol	<0.3	Diethyl phthalate	<0.3
Bis(2-chloroisopropyl) ether	<0.3	Fluorene	<0.3
2-Methylphenol	<3	4-Chlorophenyl phenyl ether	<0.3
Hexachloroethane	<0.3	N-Nitrosodiphenylamine	<0.3
N-Nitroso-di-n-propylamine	<0.3	4-Nitroaniline	<9
4-Methylphenol	<3	4,6-Dinitro-2-methylphenol	<9
Nitrobenzene	<0.3	4-Bromophenyl phenyl ether	<0.3
Isophorone	<0.3	Hexachlorobenzene	<0.3
2-Nitrophenol	<3	Pentachlorophenol	5.2
2,4-Dimethylphenol	<3	Phenanthrene	<0.3
Benzoic acid	<30	Anthracene	<0.3
Bis(2-chloroethoxy)methane	<0.3	Carbazole	<0.3
2,4-Dichlorophenol	<3	Di-n-butyl phthalate	<0.3
1,2,4-Trichlorobenzene	<0.3	Fluoranthene	<0.3
Naphthalene	<0.3	Pyrene	<0.3
Hexachlorobutadiene	<0.3	Benzyl butyl phthalate	<0.3
4-Chloroaniline	<30	Benz(a)anthracene	<0.3
4-Chloro-3-methylphenol	<3	Chrysene	<0.3
2-Methylnaphthalene	<0.3	Bis(2-ethylhexyl) phthalate	<3
Hexachlorocyclopentadiene	<0.9	Di-n-octyl phthalate	<0.3
2,4,6-Trichlorophenol	<3	Benzo(a)pyrene	<0.3
2,4,5-Trichlorophenol	<3	Benzo(b)fluoranthene	<0.3
2-Chloronaphthalene	<0.3	Benzo(k)fluoranthene	<0.3
2-Nitroaniline	<0.3	Indeno(1,2,3-cd)pyrene	<0.3
Dimethyl phthalate	<0.3	Dibenz(a,h)anthracene	<0.3
Acenaphthylene	<0.3	Benzo(g,h,i)perylene	<0.3
2,6-Dinitrotoluene	<0.3		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	W-3-STK	Client:	Whitman Environmental Sciences
Date Received:	11/21/08	Project:	Portac Planner PO WES-1400
Date Extracted:	11/24/08	Lab ID:	811258-03 1/10
Date Analyzed:	11/25/08	Data File:	112424.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	92	30	118
Phenol-d6	93	30	118
Nitrobenzene-d5	97	10	180
2-Fluorobiphenyl	96	40	130
2,4,6-Tribromophenol	77	16	116
Terphenyl-d14	91	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<3	3-Nitroaniline	<9
Bis(2-chloroethyl) ether	<0.3	Acenaphthene	<0.3
2-Chlorophenol	<3	2,4-Dinitrophenol	<9
1,3-Dichlorobenzene	<0.3	Dibenzofuran	<0.3
1,4-Dichlorobenzene	<0.3	2,4-Dinitrotoluene	<0.3
1,2-Dichlorobenzene	<0.3	4-Nitrophenol	<3
Benzyl alcohol	<0.3	Diethyl phthalate	<0.3
Bis(2-chloroisopropyl) ether	<0.3	Fluorene	<0.3
2-Methylphenol	<3	4-Chlorophenyl phenyl ether	<0.3
Hexachloroethane	<0.3	N-Nitrosodiphenylamine	<0.3
N-Nitroso-di-n-propylamine	<0.3	4-Nitroaniline	<9
4-Methylphenol	<3	4,6-Dinitro-2-methylphenol	<9
Nitrobenzene	<0.3	4-Bromophenyl phenyl ether	<0.3
Isophorone	<0.3	Hexachlorobenzene	<0.3
2-Nitrophenol	<3	Pentachlorophenol	3.7
2,4-Dimethylphenol	<3	Phenanthrene	<0.3
Benzoic acid	<30	Anthracene	<0.3
Bis(2-chloroethoxy)methane	<0.3	Carbazole	<0.3
2,4-Dichlorophenol	<3	Di-n-butyl phthalate	<0.3
1,2,4-Trichlorobenzene	<0.3	Fluoranthene	<0.3
Naphthalene	<0.3	Pyrene	<0.3
Hexachlorobutadiene	<0.3	Benzyl butyl phthalate	<0.3
4-Chloroaniline	<30	Benz(a)anthracene	<0.3
4-Chloro-3-methylphenol	<3	Chrysene	<0.3
2-Methylnaphthalene	<0.3	Bis(2-ethylhexyl) phthalate	<3
Hexachlorocyclopentadiene	<0.9	Di-n-octyl phthalate	<0.3
2,4,6-Trichlorophenol	<3	Benzo(a)pyrene	<0.3
2,4,5-Trichlorophenol	<3	Benzo(b)fluoranthene	<0.3
2-Chloronaphthalene	<0.3	Benzo(k)fluoranthene	<0.3
2-Nitroaniline	<0.3	Indeno(1,2,3-cd)pyrene	<0.3
Dimethyl phthalate	<0.3	Dibenz(a,h)anthracene	<0.3
Acenaphthylene	<0.3	Benzo(g,h,i)perylene	<0.3
2,6-Dinitrotoluene	<0.3		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	NA	Project:	Portac Planner PO WES-1400
Date Extracted:	11/24/08	Lab ID:	081883mb
Date Analyzed:	11/24/08	Data File:	112421.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	89	30	118
Phenol-d6	92	30	118
Nitrobenzene-d5	92	10	180
2-Fluorobiphenyl	92	40	130
2,4,6-Tribromophenol	95	16	116
Terphenyl-d14	87	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.3	3-Nitroaniline	<0.9
Bis(2-chloroethyl) ether	<0.03	Acenaphthene	<0.03
2-Chlorophenol	<0.3	2,4-Dinitrophenol	<0.9
1,3-Dichlorobenzene	<0.03	Dibenzofuran	<0.03
1,4-Dichlorobenzene	<0.03	2,4-Dinitrotoluene	<0.03
1,2-Dichlorobenzene	<0.03	4-Nitrophenol	<0.3
Benzyl alcohol	<0.03	Diethyl phthalate	<0.03
Bis(2-chloroisopropyl) ether	<0.03	Fluorene	<0.03
2-Methylphenol	<0.3	4-Chlorophenyl phenyl ether	<0.03
Hexachloroethane	<0.03	N-Nitrosodiphenylamine	<0.03
N-Nitroso-di-n-propylamine	<0.03	4-Nitroaniline	<0.9
4-Methylphenol	<0.3	4,6-Dinitro-2-methylphenol	<0.9
Nitrobenzene	<0.03	4-Bromophenyl phenyl ether	<0.03
Isophorone	<0.03	Hexachlorobenzene	<0.03
2-Nitrophenol	<0.3	Pentachlorophenol	<0.3
2,4-Dimethylphenol	<0.3	Phenanthrene	<0.03
Benzoic acid	<3	Anthracene	<0.03
Bis(2-chloroethoxy)methane	<0.03	Carbazole	<0.03
2,4-Dichlorophenol	<0.3	Di-n-butyl phthalate	<0.03
1,2,4-Trichlorobenzene	<0.03	Fluoranthene	<0.03
Naphthalene	<0.03	Pyrene	<0.03
Hexachlorobutadiene	<0.03	Benzyl butyl phthalate	<0.03
4-Chloroaniline	<3	Benz(a)anthracene	<0.03
4-Chloro-3-methylphenol	<0.3	Chrysene	<0.03
2-Methylnaphthalene	<0.03	Bis(2-ethylhexyl) phthalate	<0.3
Hexachlorocyclopentadiene	<0.09	Di-n-octyl phthalate	<0.03
2,4,6-Trichlorophenol	<0.3	Benzo(a)pyrene	<0.03
2,4,5-Trichlorophenol	<0.3	Benzo(b)fluoranthene	<0.03
2-Chloronaphthalene	<0.03	Benzo(k)fluoranthene	<0.03
2-Nitroaniline	<0.03	Indeno(1,2,3-cd)pyrene	<0.03
Dimethyl phthalate	<0.03	Dibenz(a,h)anthracene	<0.03
Acenaphthylene	<0.03	Benzo(g,h,i)perylene	<0.03
2,6-Dinitrotoluene	<0.03		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08

Date Received: 11/21/08

Project: Portac Planner PO WES- 1400, F&BI 811258

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 811191-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	83	93	50-150	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	95	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08

Date Received: 11/21/08

Project: Portac Planner PO WES- 1400, F&BI 811258

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 811258-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/kg (ppm)	15.4	16.2	5	0-20
Arsenic	mg/kg (ppm)	2.77	2.25	21 a	0-20
Selenium	mg/kg (ppm)	<1	<1	nm	0-20
Silver	mg/kg (ppm)	<1	<1	nm	0-20
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Barium	mg/kg (ppm)	44.3	37.1	18	0-20
Lead	mg/kg (ppm)	6.27	4.12	41 a	0-20

Laboratory Code: 811258-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	15.4	76 b	50-150
Arsenic	mg/kg (ppm)	10	2.77	95 b	50-150
Selenium	mg/kg (ppm)	5	<1	84	50-150
Silver	mg/kg (ppm)	10	<1	96	50-150
Cadmium	mg/kg (ppm)	10	<1	100	50-150
Barium	mg/kg (ppm)	50	44.3	95 b	50-150
Lead	mg/kg (ppm)	50	6.27	94	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	107	70-130
Arsenic	mg/kg (ppm)	10	103	70-130
Selenium	mg/kg (ppm)	5	98	70-130
Silver	mg/kg (ppm)	10	102	70-130
Cadmium	mg/kg (ppm)	10	105	70-130
Barium	mg/kg (ppm)	50	105	70-130
Lead	mg/kg (ppm)	50	103	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08

Date Received: 11/21/08

Project: Portac Planner PO WES- 1400, F&BI 811258

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES FOR
TOTAL MERCURY
USING EPA METHOD 1631E**

Laboratory Code: 811258-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	1.5	0b	0b	50-150	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	94	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08

Date Received: 11/21/08

Project: Portac Planner PO WES- 1400, F&BI 811258

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811220-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Phenol	mg/kg (ppm)	<0.3	<0.3	nm
Bis(2-chloroethyl) ether	mg/kg (ppm)	<0.03	<0.03	nm
2-Chlorophenol	mg/kg (ppm)	<0.3	<0.3	nm
1,3-Dichlorobenzene	mg/kg (ppm)	<0.03	<0.03	nm
1,4-Dichlorobenzene	mg/kg (ppm)	<0.03	<0.03	nm
1,2-Dichlorobenzene	mg/kg (ppm)	<0.03	<0.03	nm
Bis(2-chloroisopropyl) ether	mg/kg (ppm)	<0.03	<0.03	nm
Hexachloroethane	mg/kg (ppm)	<0.03	<0.03	nm
N-Nitroso-di-n-propylamine	mg/kg (ppm)	<0.03	<0.03	nm
4-Methylphenol	mg/kg (ppm)	<0.3	<0.3	nm
Nitrobenzene	mg/kg (ppm)	<0.03	<0.03	nm
Isophorone	mg/kg (ppm)	<0.03	<0.03	nm
2,4-Dimethylphenol	mg/kg (ppm)	<0.3	<0.3	nm
Bis(2-chloroethoxy)methane	mg/kg (ppm)	<0.03	<0.03	nm
1,2,4-Trichlorobenzene	mg/kg (ppm)	<0.03	<0.03	nm
Hexachlorobutadiene	mg/kg (ppm)	<0.03	<0.03	nm
4-Chloro-3-methylphenol	mg/kg (ppm)	<0.3	<0.3	nm
2-Methylnaphthalene	mg/kg (ppm)	<0.03	<0.03	nm
Hexachlorocyclopentadiene	mg/kg (ppm)	<0.09	<0.09	nm
2,4,6-Trichlorophenol	mg/kg (ppm)	<0.3	<0.3	nm
2-Chloronaphthalene	mg/kg (ppm)	<0.03	<0.03	nm
Dimethyl phthalate	mg/kg (ppm)	<0.03	<0.03	nm
2,6-Dinitrotoluene	mg/kg (ppm)	<0.03	<0.03	nm
Acenaphthene	mg/kg (ppm)	<0.03	<0.03	nm
2,4-Dinitrotoluene	mg/kg (ppm)	<0.03	<0.03	nm
4-Nitrophenol	mg/kg (ppm)	<0.3	<0.3	nm
Diethyl phthalate	mg/kg (ppm)	<0.03	<0.03	nm
4-Chlorophenyl phenyl ether	mg/kg (ppm)	<0.03	<0.03	nm
N-Nitrosodiphenylamine	mg/kg (ppm)	<0.03	<0.03	nm
4-Bromophenyl phenyl ether	mg/kg (ppm)	<0.03	<0.03	nm
Hexachlorobenzene	mg/kg (ppm)	<0.03	<0.03	nm
Pentachlorophenol	mg/kg (ppm)	<0.3	<0.3	nm
Carbazole	mg/kg (ppm)	<0.03	<0.03	nm
Di-n-butyl phthalate	mg/kg (ppm)	<0.03	<0.03	nm
Pyrene	mg/kg (ppm)	<0.03	<0.03	nm
Benzyl butyl phthalate	mg/kg (ppm)	<0.03	<0.03	nm
Chrysene	mg/kg (ppm)	<0.03	<0.03	nm
Bis(2-ethylhexyl) phthalate	mg/kg (ppm)	<0.03	<0.03	nm
Di-n-octyl phthalate	mg/kg (ppm)	<0.03	<0.03	nm

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08

Date Received: 11/21/08

Project: Portac Planner PO WES- 1400, F&BI 811258

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811220-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Phenol	mg/kg (ppm)	2.5	<0.3	65	10-129
Bis(2-chloroethyl) ether	mg/kg (ppm)	1.7	<0.03	75	50-150
2-Chlorophenol	mg/kg (ppm)	2.5	<0.3	68	47-108
1,3-Dichlorobenzene	mg/kg (ppm)	1.7	<0.03	69	50-150
1,4-Dichlorobenzene	mg/kg (ppm)	1.7	<0.03	72	50-150
1,2-Dichlorobenzene	mg/kg (ppm)	1.7	<0.03	75	50-150
Bis(2-chloroisopropyl) ether	mg/kg (ppm)	1.7	<0.03	84	50-150
Hexachloroethane	mg/kg (ppm)	1.7	<0.03	55	50-150
N-Nitroso-di-n-propylamine	mg/kg (ppm)	1.7	<0.03	71	29-130
4-Methylphenol	mg/kg (ppm)	2.5	<0.3	67	50-150
Nitrobenzene	mg/kg (ppm)	1.7	<0.03	68	50-150
Isophorone	mg/kg (ppm)	1.7	<0.03	72	50-150
2,4-Dimethylphenol	mg/kg (ppm)	2.5	<0.3	58	50-150
Bis(2-chloroethoxy)methane	mg/kg (ppm)	1.7	<0.03	69	50-150
1,2,4-Trichlorobenzene	mg/kg (ppm)	1.7	<0.03	72	44-111
Hexachlorobutadiene	mg/kg (ppm)	1.7	<0.03	74	50-150
4-Chloro-3-methylphenol	mg/kg (ppm)	2.5	<0.3	69	35-115
2-Methylnaphthalene	mg/kg (ppm)	1.7	<0.03	74	50-150
Hexachlorocyclopentadiene	mg/kg (ppm)	3.3	<0.09	12 ip	50-150
2,4,6-Trichlorophenol	mg/kg (ppm)	2.5	<0.3	74	50-150
2-Chloronaphthalene	mg/kg (ppm)	1.7	<0.03	75	50-150
Dimethyl phthalate	mg/kg (ppm)	1.7	<0.03	69	50-150
2,6-Dinitrotoluene	mg/kg (ppm)	1.7	<0.03	38 ip	50-150
Acenaphthene	mg/kg (ppm)	1.7	<0.03	65	60-106
2,4-Dinitrotoluene	mg/kg (ppm)	1.7	<0.03	34 ip	54-124
4-Nitrophenol	mg/kg (ppm)	2.5	<0.3	60	10-134
Diethyl phthalate	mg/kg (ppm)	1.7	<0.03	70	50-150
4-Chlorophenyl phenyl ether	mg/kg (ppm)	1.7	<0.03	78	50-150
N-Nitrosodiphenylamine	mg/kg (ppm)	1.7	<0.03	63	50-150
4-Bromophenyl phenyl ether	mg/kg (ppm)	1.7	<0.03	74	50-150
Hexachlorobenzene	mg/kg (ppm)	1.7	<0.03	72	50-150
Pentachlorophenol	mg/kg (ppm)	2.5	<0.3	64	31-120
Carbazole	mg/kg (ppm)	1.7	<0.03	72	50-150
Di-n-butyl phthalate	mg/kg (ppm)	1.7	<0.03	73	50-150
Pyrene	mg/kg (ppm)	1.7	<0.03	71	45-119
Benzyl butyl phthalate	mg/kg (ppm)	1.7	<0.03	68	50-150
Chrysene	mg/kg (ppm)	1.7	<0.03	49 ip	50-150
Bis(2-ethylhexyl) phthalate	mg/kg (ppm)	1.7	<0.03	67	50-150
Di-n-octyl phthalate	mg/kg (ppm)	1.7	<0.03	88	50-150

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/08

Date Received: 11/21/08

Project: Portac Planner PO WES-1400, F&BI 811258

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Phenol	mg/kg (ppm)	2.5	80	81	40-105	1
Bis(2-chloroethyl) ether	mg/kg (ppm)	1.7	103	103	32-144	0
2-Chlorophenol	mg/kg (ppm)	2.5	86	87	43-106	1
1,3-Dichlorobenzene	mg/kg (ppm)	1.7	89	89	52-110	0
1,4-Dichlorobenzene	mg/kg (ppm)	1.7	86	86	44-107	0
1,2-Dichlorobenzene	mg/kg (ppm)	1.7	93	93	54-113	0
Bis(2-chloroisopropyl) ether	mg/kg (ppm)	1.7	96	97	51-115	1
Hexachloroethane	mg/kg (ppm)	1.7	89	89	48-117	0
N-Nitroso-di-n-propylamine	mg/kg (ppm)	1.7	90	92	36-116	2
4-Methylphenol	mg/kg (ppm)	2.5	85	87	38-108	2
Nitrobenzene	mg/kg (ppm)	1.7	86	87	47-114	1
Isophorone	mg/kg (ppm)	1.7	98	99	50-125	1
2,4-Dimethylphenol	mg/kg (ppm)	2.5	73	74	31-99	1
Bis(2-chloroethoxy)methane	mg/kg (ppm)	1.7	88	89	51-110	1
1,2,4-Trichlorobenzene	mg/kg (ppm)	1.7	90	91	45-109	1
Hexachlorobutadiene	mg/kg (ppm)	1.7	90	91	53-110	1
4-Chloro-3-methylphenol	mg/kg (ppm)	2.5	88	90	42-114	2
2-Methylnaphthalene	mg/kg (ppm)	1.7	93	95	39-139	2
Hexachlorocyclopentadiene	mg/kg (ppm)	3.3	91	93	34-113	2
2,4,6-Trichlorophenol	mg/kg (ppm)	2.5	89	92	39-111	3
2-Chloronaphthalene	mg/kg (ppm)	1.7	90	92	50-111	2
Dimethyl phthalate	mg/kg (ppm)	1.7	91	94	49-117	3
2,6-Dinitrotoluene	mg/kg (ppm)	1.7	88	90	46-120	2
Acenaphthene	mg/kg (ppm)	1.7	83	86	55-105	4
2,4-Dinitrotoluene	mg/kg (ppm)	1.7	94	97	43-115	3
4-Nitrophenol	mg/kg (ppm)	2.5	91	93	34-125	2
Diethyl phthalate	mg/kg (ppm)	1.7	92	94	50-118	2
4-Chlorophenyl phenyl ether	mg/kg (ppm)	1.7	98	100	53-121	2
N-Nitrosodiphenylamine	mg/kg (ppm)	1.7	66	65	26-116	2
4-Bromophenyl phenyl ether	mg/kg (ppm)	1.7	92	95	52-115	3
Hexachlorobenzene	mg/kg (ppm)	1.7	93	95	41-113	2
Pentachlorophenol	mg/kg (ppm)	2.5	91	91	31-125	0
Carbazole	mg/kg (ppm)	1.7	89	90	31-164	1
Di-n-butyl phthalate	mg/kg (ppm)	1.7	93	95	52-118	2
Pyrene	mg/kg (ppm)	1.7	85	88	39-113	3
Benzyl butyl phthalate	mg/kg (ppm)	1.7	85	88	47-120	3
Chrysene	mg/kg (ppm)	1.7	64	67	42-123	5
Bis(2-ethylhexyl) phthalate	mg/kg (ppm)	1.7	86	90	55-117	5
Di-n-octyl phthalate	mg/kg (ppm)	1.7	99	102	50-139	3

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

Sawmill Hydraulic Equipment Area Samples

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 4, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on October 22, 2008 from the Portac WES 1400, F&BI 810253 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES 1104R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 22, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac WES 1400, F&BI 810253 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
810253-01	TP-1/3.5'
810253-02	TP-2/3'
810253-03	TP-3/3'
810253-04	TP-4/4'
810253-05	TP-5/4'
810253-06	TP-6/2'
810253-07	TP-8/3'

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/08
 Date Received: 10/22/08
 Project: Portac WES 1400, F&BI 810253
 Date Extracted: 10/24/08
 Date Analyzed: 10/24/08 and 10/27/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
 FOR TOTAL PETROLEUM HYDROCARBONS AS
 DIESEL AND MOTOR OIL
 USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
TP-1/3.5' 810253-01	<50	<250	75
TP-2/3' 810253-02	1,700x	11,000	74
TP-3/3' 810253-03	<50	<250	75
TP-4/4' 810253-04	82x	530	75
TP-5/4' d 810253-05 x 10	5,800x	39,000	75
TP-6/2' d 810253-06 x 10	11,000x	48,000	75
TP-8/3' 810253-07	<50	<250	82
Method Blank	<50	<250	74

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/08
Date Received: 10/22/08
Project: Portac WES 1400, F & BI 810253
Date Extracted: 10/30/08
Date Analyzed: 11/03/08

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TCLP METALS IN ACCORDANCE WITH
EPA METHOD 1631E AND 40CFR PART 261**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Mercury</u>
TP-2/3' 810253-02	<0.02
TP-4/4' 810253-04	<0.02
TP-5/4' 810253-05	<0.02
Method Blank	<0.02
<i>TCLP Limits</i>	0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	TP-23	Client:	Whitman Environmental Sciences
Date Received:	10/22/08	Project:	Portac WES 1400, F&BI 810253
Date Extracted:	10/30/08	Lab ID:	810253-02
Date Analyzed:	10/31/08	Data File:	810253-02.033
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/L (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	96	60	125
Indium	105	60	125
Holmium	106	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Chromium	<1	5.0
Arsenic	<1	5.0
Selenium	<1	1.0
Silver	<1	5.0
Cadmium	<1	1.0
Barium	<1	100
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	TP-44'	Client:	Whitman Environmental Sciences
Date Received:	10/22/08	Project:	Portac WES 1400, F&BI 810253
Date Extracted:	10/30/08	Lab ID:	810253-04
Date Analyzed:	10/31/08	Data File:	810253-04.035
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/L (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	92	60	125
Indium	105	60	125
Holmium	106	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Chromium	<1	5.0
Arsenic	<1	5.0
Selenium	<1	1.0
Silver	<1	5.0
Cadmium	<1	1.0
Barium	<1	100
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	TP-54'	Client:	Whitman Environmental Sciences
Date Received:	10/22/08	Project:	Portac WES 1400, F&BI 810253
Date Extracted:	10/30/08	Lab ID:	810253-05
Date Analyzed:	10/31/08	Data File:	810253-05.038
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/L (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	92	60	125
Indium	104	60	125
Holmium	109	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Chromium	<1	5.0
Arsenic	<1	5.0
Selenium	<1	1.0
Silver	<1	5.0
Cadmium	<1	1.0
Barium	<1	100
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40CFR PART 261

Client ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	NA	Project:	Portac WES 1400, F&BI 810253
Date Extracted:	10/30/08	Lab ID:	I8-411 mb
Date Analyzed:	10/31/08	Data File:	I8-411 mb.017
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/L (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	87	60	125
Indium	89	60	125
Holmium	94	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Chromium	<1	5.0
Arsenic	<1	5.0
Selenium	<1	1.0
Silver	<1	5.0
Cadmium	<1	1.0
Barium	<1	100
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/08
 Date Received: 10/22/08
 Project: Portac WES 1400, F & BI 810253
 Date Extracted: 10/30/08
 Date Analyzed: 10/31/08

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
 FOR PCBs REPORTED AS AROCLORS
 USING EPA METHOD 8082**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	Aroclor								Surrogate (% Rec.) (Limit 50-150)
	<u>1221</u>	<u>1232</u>	<u>1016</u>	<u>1242</u>	<u>1248</u>	<u>1254</u>	<u>1260</u>	<u>1262</u>	
TP-2/3' 810253-02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	106
TP-5/4' 810253-05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	100
Method Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	84

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/08

Date Received: 10/22/08

Project: Portac WES 1400, F & BI 810253

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL
SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 810256-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	100	105	69-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	96	70-127

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/08

Date Received: 10/22/08

Project: Portac WES 1400, F & BI 810253

**QUALITY ASSURANCE RESULTS
FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TCLP METALS IN
ACCORDANCE WITH EPA METHOD 1631E AND 40CFR PART 261**

Laboratory Code: 810282-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Mercury	mg/L (ppm)	0.005	<0.02	106	109	50-150	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/L (ppm)	0.005	114	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/08

Date Received: 10/22/08

Project: Portac WES 1400, F & BI 810253

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TCLP METALS USING
EPA METHOD 200.8 AND 40 CFR PART 261**

Laboratory Code: 810253-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	<1	<1	nm	0-20
Arsenic	mg/L (ppm)	<1	<1	nm	0-20
Selenium	mg/L (ppm)	<1	<1	nm	0-20
Silver	mg/L (ppm)	<1	<1	nm	0-20
Cadmium	mg/L (ppm)	<1	<1	nm	0-20
Barium	mg/L (ppm)	<1	<1	nm	0-20
Lead	mg/L (ppm)	<1	<1	nm	0-20

Laboratory Code: 810253-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	mg/L (ppm)	2.0	<1	92	50-150
Arsenic	mg/L (ppm)	1.0	<1	91	50-150
Selenium	mg/L (ppm)	0.5	<1	95	50-150
Silver	mg/L (ppm)	0.5	<1	94	50-150
Cadmium	mg/L (ppm)	0.5	<1	104	50-150
Barium	mg/L (ppm)	5.0	<1	105	50-150
Lead	mg/L (ppm)	1.0	<1	84	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/L (ppm)	2.0	90	70-130
Arsenic	mg/L (ppm)	1.0	88	70-130
Selenium	mg/L (ppm)	0.5	92	70-130
Silver	mg/L (ppm)	0.5	90	70-130
Cadmium	mg/L (ppm)	0.5	98	70-130
Barium	mg/L (ppm)	5.0	101	70-130
Lead	mg/L (ppm)	1.0	85	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/08

Date Received: 10/22/08

Project: Portac WES 1400, F & BI 810253

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES FOR
POLYCHLORINATED BIPHENYLS AS
AROCOR 1016/1260 BY EPA METHOD 8082**

Laboratory Code: 810253-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	<0.1	<0.1	nm
Aroclor 1260	mg/kg (ppm)	<0.1	<0.1	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.8	90	96	73-135	6
Aroclor 1260	mg/kg (ppm)	0.8	95	100	72-149	5

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

810253

SAMPLE CHAIN OF CUSTODY HG 10/22/08

D03

Send Report To: William Lewis
 Company: William Lewis Services
 Address: 5808 35th Ave NE
 City, State, ZIP: Seattle, WA 98115
 Phone #: 206-355-5505 Fax #:

ANALYSES REQUESTED

EXEMPTS (quantity) _____
 PROJECT NAME/NO. _____
 PO # 100
 REMARKS: see

Page # _____
 RETURN/OND TIME _____
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		PCB
TP-1/3.5'	01	10/22/08	PM	Soil	1	X	X	X	X	X			(9) - per Dr 10/29/08
TP-2/3'	02					X	X	X	X	X			M4
TP-3/3'	03					X	X	X	X	X			48 hr.
TP-4/3'	04					X	X	X	X	X			
TP-5/3'	05					X	X	X	X	X			
TP-6/2'	06					X	X	X	X	X			
TP-8/3'	07					X	X	X	X	X			

Prochemics & Bryan, Inc.
 1012 10th Avenue West
 Seattle, WA 98119-3030
 PH: (206) 265-8992
 FAX: (206) 265-8944
 F0000000000000000000

Submitted by: [Signature]
 PRINT NAME: HONGS NGUYEN
 COMPANY: WBSI
 DATE: 10/22 TIME: 5:43
 Submitted by: [Signature]
 PRINT NAME: HONGS NGUYEN
 COMPANY: WBSI
 DATE: 10/22 TIME: 17:17
 Submitted by: _____

Samples received at 20 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 13, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 12, 2008 from the Portac Mill Hydraulics WES 1400, F&BI 811115 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1113R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 12, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Mill Hydraulics WES 1400, F&BI 811115 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811115-01	N.E. Corner-4'
811115-02	Base 20S /0W
811115-03	Base 15S /15W
811115-04	Base 30S /15W
811115-05	Base 10S /48W
811115-06	Base 42S /23W
811115-07	NSW-15W-3
811115-08	NSW-45W-3
811115-09	SSW-25W-2.5
811115-10	SSW-42W-3.5
811115-11	Base-25S /55W-4
811115-12	Base 42S /42W
811115-13	ESW 40S -2.5
811115-14	ESW-22S-3

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08
 Date Received: 11/12/08
 Project: Portac Mill Hydraulics WES 1400, F&BI 811115
 Date Extracted: 11/12/08
 Date Analyzed: 11/12/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
 FOR TOTAL PETROLEUM HYDROCARBONS AS
 DIESEL AND MOTOR OIL
 USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis
 Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
N.E. Corner-4' 811115-01	<50	<250	90
Base 20S/0W 811115-02	<50	<250	93
Base 15S/15W 811115-03	<50	<250	93
Base 30S/15W 811115-04	<50	<250	95
Base 10S/48W 811115-05	<50	<250	94
Base 42S/23W 811115-06	13,000 x	33,000	98
NSW-15W-3 811115-07	<50	<250	94
NSW-45W-3 811115-08	<50	<250	92
SSW-25W-2.5 811115-09	<50	<250	95
SSW-42W-3.5 811115-10	8,100 x	29,000	98
Base-25S/55W-4 811115-11	9,400 x	33,000	98
Base 42S/42W 811115-12	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08
Date Received: 11/12/08
Project: Portac Mill Hydraulics WES 1400, F&BI 811115
Date Extracted: 11/12/08
Date Analyzed: 11/12/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
ESW 40S-2.5 811115-13	<50	<250	94
ESW-22S-3 811115-14	<50	<250	91
Method Blank	<50	<250	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/12/08

Project: Portac Mill Hydraulics WES 1400, F&BI 811115

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 811115-08 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	90	91	50-150	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811115

SAMPLE CHAIN OF CUSTODY

ME 11-12-08

A03

Send Report To: Paul D. Williams
 Company: Environmental Services
 Address: 5505 S. 55th Ave NE
 City, State, ZIP: Seattle, WA 98148
 Phone #: 206-350-3505 Fax #: _____

ANALYSTS (signature)
PROJECT NAME/NO.
FO #
REMARKS
Boone Mill Hazardous
4085 1400

Page 1
FORWARDING FIRM
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYTES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
U.F. CARPENTER-4	01	11-11-08		SOIL	1	X						
BEST 205/000	02				1							
" 158/1500	03				1							
" 306/1500	04				1							
" 105/4800	05				1							
" 425/R300	06				1							
NSD-1500-3	07				1							
" 4500-3	08				1							
SSD-3500-4	09				1							
" 4200-35	10				1							

INITIALS	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
			DES	11-18-08	9:15
		Eric Vance	FERB	11/18/08	9:15

Procedures & Design, Inc.
 1012 10th Avenue West
 Everett, WA 98201-2820
 PH: (206) 205-8002
 FAX: (206) 205-8044
 INTERNET: VDDC@VDDC.SNO

Samples received at 18 °C

811115

SAMPLE CHAIN OF CUSTODY

ME 11-12-08

A03

Send Report To: Bob Williams
 Company: Williams Env. Sll
 Address: 5508 35th Ave NE
 City, State, ZIP: Seattle, WA 98105
 Phone #: 206-350-3505 Fax # _____

SAMPLES (Locations)
PROJECT NAME: _____
FO #: 065-H02
REMARKS: PRIME MTR APPROVAL

Page # _____
FORWARD TO: _____
 Reschedule (2 Weeks)
 RETURN
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 90 days
 Return samples
 Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
BASE 255/550-4	11	11-11		SW	1	X						
" 1135/420	12				1	X						
ESD 405-85	13				1	X						
" 225-3	14				1	X						

Production & Design, Inc.
 1000 10th Avenue West
 Seattle, WA 98119-3000
 PH: (206) 295-4000
 FAX: (206) 295-4004
 E-MAIL: VDD@VDDC.COM

INITIALS	PRINT NAME	COMPANY	DATE	TIME
<i>[Signature]</i>	Eric Love	225	11-12-08	9:15
<i>[Signature]</i>		41B	11/10/08	9:15

Samples received at 18 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

December 3, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the additional results from the testing of material submitted on November 12, 2008 from the Portac Mill Hydraulics WES 1400, F&BI 811115 project. There are 5 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1203R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 12, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Mill Hydraulics WES 1400, F&BI 811115 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811115-01	N.E. Corner-4'
811115-02	Base 20S /0W
811115-03	Base 15S /15W
811115-04	Base 30S /15W
811115-05	Base 10S /48W
811115-06	Base 42S /23W
811115-07	NSW-15W-3
811115-08	NSW-45W-3
811115-09	SSW-25W-2.5
811115-10	SSW-42W-3.5
811115-11	Base-25S /55W-4
811115-12	Base 42S /42W
811115-13	ESW 40S -2.5
811115-14	ESW-22S-3

Sample Base-25S /55W-4 was sent to Fremont Analytical for EPH analysis. The report is enclosed.

Sample Base-25S /55W-4 was diluted due to matrix interferences. The 8270D relative percent difference of the laboratory control sample and laboratory control sample duplicate exceeded the acceptance criteria for several compounds. The compounds were not detected in the sample, therefore the data is acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Base-25S/55W-4	Client:	Whitman Environmental Sciences
Date Received:	11/12/08	Project:	Portac Mill Hydraulics WES 1400
Date Extracted:	11/17/08	Lab ID:	811115-11 1/500
Date Analyzed:	12/01/08	Data File:	120105.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d 10	560 ds	50	150
Benzo(a)anthracene-d 12	227 ds	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<1
Chrysene	<1
Benzo(a)pyrene	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Indeno(1,2,3-cd)pyrene	<1
Dibenz(a,h)anthracene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	Not Applicable	Project:	Portac Mill Hydraulics WES 1400
Date Extracted:	11/17/08	Lab ID:	081842mb 15
Date Analyzed:	11/17/08	Data File:	111706.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d 10	88	50	150
Benzo(a)anthracene-d 12	78	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/03/08

Date Received: 11/12/08

Project: Portac Mill Hydraulics WES 1400, F&BI 811115

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL
SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM**

Laboratory Code: 811095-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	<0.01	<0.01	nm
Chrysene	mg/kg (ppm)	<0.01	<0.01	nm
Benzo(b)fluoranthene	mg/kg (ppm)	<0.01	<0.01	nm
Benzo(k)fluoranthene	mg/kg (ppm)	<0.01	<0.01	nm
Benzo(a)pyrene	mg/kg (ppm)	<0.01	<0.01	nm
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	<0.01	<0.01	nm
Dibenz(a,h)anthracene	mg/kg (ppm)	<0.01	<0.01	nm

Laboratory Code: 811095-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.01	73	17-134
Chrysene	mg/kg (ppm)	0.17	<0.01	73	10-157
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	<0.01	74	28-134
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01	73	55-115
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01	74	37-123
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01	76	61-104
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	74	69-100

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.17	65	79	58-108	19
Chrysene	mg/kg (ppm)	0.17	76	87	64-115	13
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	68	84	54-119	21 vo
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	80	90	61-123	12
Benzo(a)pyrene	mg/kg (ppm)	0.17	61	75	54-111	21 vo
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	66	84	46-126	24 vo
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	72	86	57-119	18

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

RECEIVED

DEC 01 2008



Fremont
Analytical

2930 Westlake Ave N Suite 100
Seattle, WA 98109
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Friedman and Bruya

Attn: Michael Erdahl

3012 16th Ave W.
Seattle, WA 98119

RE: 811115

Fremont Project No: CHM081114-5

Friedman and Bruya Project No: H-1603

November 26th, 2008

Michael:

Enclosed are the analytical results for the **811115** soil sample (*Sample ID: Base 25 S/5 SW-4*) picked up by Fremont Analytical on November 14th, 2008.

The sample was received in good condition - in the proper container (4oz. soil jar) properly sealed, labeled and within holding time. The sample was received from refrigeration at Friedman and Bruya, placed in a cooler with gel ice and delivered to the laboratory. The cooler temperature (9.7°C) upon sample check-in was within the laboratory cooler temperature range (<4°C - 10°C). The sample was analyzed and stored in a refrigeration unit at the USEPA-recommended temperature of 4°C ± 2°C. There were no sample receipt issues to report.

Examination of this sample was conducted for the presence of the following:

- **Extractable Petroleum Hydrocarbons in Soil by NWEPH**

All appropriate Quality Assurance / Quality Control method parameters have been applied.

Laboratory Notation: – Matrix Spike: Interferences in the *Aromatic >C21* and *Aliphatic >C12* prevent determination/recovery. The laboratory control sample (LCS) was within range, demonstrating that the analysis was in control.

Laboratory Notation: – Matrix Spike (C10-C12): The Matrix Spike (MS) recovery was outside of the laboratory control limits. The laboratory control sample (LCS) was within range, demonstrating that the analysis was in control.

Please contact the laboratory if you should have any questions about the report.

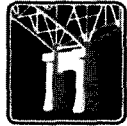
Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

mikedee@fremontanalytical.com

www.fremontanalytical.com



Analysis of Extractable Petroleum Hydrocarbons in Soil by NWEPH

Project: 811115
Client: Friedman and Bruya, Inc.
Client Project #: H-1603
Lab Project #: CHM081114-5

NWEPH (mg/kg)	MRL	Method Blank	LCS	Base 25 S/ 5 SW-4	MS
					Batch TP03-01
Date Preserved		11/25/08	11/25/08	11/25/08	11/25/08
Date Analyzed		11/25/08	11/25/08	11/25/08	11/25/08
Matrix		Soil		Soil	Soil

Aromatic Hydrocarbon (Ranges)

C8-C10	2.0	nd	53%	8.5	84%
C10-C12	2.0	nd	70%	7.8	76%
C12-C16	2.0	nd	66%	10	136%
C16-C21	2.0	nd	74%	280	104%
C21-C34	2.0	nd	90%	6200	int

Aliphatic Hydrocarbon (Ranges)

C8-C10	2.0	nd	66%	14	129%
C10-C12	2.0	nd	75%	7.2	17%
C12-C16	2.0	nd	135%	29	int
C16-C21	2.0	nd	104%	510	int
C21-C34	2.0	nd	140%	21,000	int

Surrogate Recovery

o-terphenyl	117%	114%	79%	84%
1-chlorooctadecane	105%	120%	117%	C

"nd" Indicates not detected at listed reporting limits

"int" Indicates that interference prevents determination

* Instrument Detection Limit

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 50%

Acceptable Recovery Limits:

Surrogate = 60% to 140%

LCS, LCSD, MS, MSD = 50% to 150%

Surrogates and Spike Concentration = 25 ug/L

811115

SAMPLE CHAIN OF CUSTODY

ME 11-12-08

A03

Send Report To Tom Williams
 Company William's Env. Svc
 Address 5508 35th Ave NE
 City, State, ZIP Seattle, WA 98105
 Phone # 523-3505 Fax # _____

TESTS (optional)
PROJECT NUMBER:
REMARKS: Sample with 11/11/08
FO #: 00851400

Page #
TURNAROUND TIME
 Standard (2 weeks)
 Expedited
 Rush charges authorized by: _____
SAFETY DISPOSAL
 Dispose after 90 days
 Retain samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED					Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270		HFS
<u>U.F. CORNER-4</u>	<u>01</u>	<u>11-11-08</u>		<u>SOIL</u>	<u>1</u>	<input checked="" type="checkbox"/>						
<u>REF 205/002</u>	<u>02</u>				<u>1</u>							
<u>" 158/1502</u>	<u>03</u>				<u>1</u>							
<u>" 306/1502</u>	<u>04</u>				<u>1</u>							
<u>" 105/1802</u>	<u>05</u>				<u>1</u>							
<u>" 425/2302</u>	<u>06</u>				<u>1</u>							
<u>NSD-150-3</u>	<u>07</u>				<u>1</u>							
<u>" 450-3</u>	<u>08</u>				<u>1</u>							
<u>SSD-250-2</u>	<u>09</u>				<u>1</u>							
<u>" 420-35</u>	<u>10</u>				<u>1</u>							

PREPARED BY: [Signature]
DATE: 11-12-08
TIME: 9:15
COMPANY: PES
DATE: 11-12-08
TIME: 9:15
RECEIVED BY: [Signature]
DATE: 11-12-08
TIME: 9:15
COMPANY: FERB

William's Environmental Services, Inc.
 5508 35th Avenue NE
 Seattle, WA 98105-3505
 PH: (206) 523-3505
 FAX: (206) 523-3504
 E-MAIL: WES@WES-ENV.COM

Samples received at 18 °C

811115

EXAMPLE CHAIN OF CUSTODY

ME 11-12-08

A03

Send Report To: Tom Williams
 Company: Environmental Env. SLL
 Address: 5508 35th Ave NE
 City, State, ZIP: Seattle, WA 98105
 Phone #: 523-3505 Fax #:

ANALYSIS (quantity)
PROJECT NUMBER:
REMARKS: Sample will be analyzed
NO #: 065-1100

ANALYSIS REQUESTED
 TPH-Diesel
 TPH-Gasoline
 BTEX by 8021B
 VOCs by 8260
 SVOCs by 8270
 HFS
 EPH
 PAH
REMARKS:
 Dispatch after 30 days
 Retain samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSIS REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
<u>BASF 258/550-4</u>	<u>11</u>	<u>11-11</u>		<u>SEE</u>	<u>1</u>	<input checked="" type="checkbox"/>						<u>✓ PD DV</u>
<u>" 113/1120</u>	<u>12</u>	<u>1</u>		<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>						<u>11/13/08</u>
<u>ESCO 405-85</u>	<u>13</u>			<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>						<u>M5</u>
<u>" 225-3</u>	<u>14</u>			<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>						

Environmental & Design, Inc.
 1000 10th Avenue West
 Seattle, WA 98119-3000
 PH: (206) 467-4000
 FAX: (206) 467-4004
 WWW: www.envd.com

DATE: 11-18-08 **TIME:** 9:15
BY: [Signature]
DATE: 11/18/08 **TIME:** 9:15
BY: Eric Clauer

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

December 10, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the additional results from the testing of material submitted on November 12, 2008 from the Portac Mill Hydraulics WES 1400, F&BI 811115 project. There are 3 pages included in this report. Per your request, the naphthalenes were included and a more concentrated analysis of the sample was reported.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES 1210R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 12, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Mill Hydraulics WES 1400, F&BI 811115 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811115-01	N.E. Corner-4'
811115-02	Base 20S /0W
811115-03	Base 15S /15W
811115-04	Base 30S /15W
811115-05	Base 10S /48W
811115-06	Base 42S /23W
811115-07	NSW-15W-3
811115-08	NSW-45W-3
811115-09	SSW-25W-2.5
811115-10	SSW-42W-3.5
811115-11	Base-25S /55W-4
811115-12	Base 42S /42W
811115-13	ESW 40S -2.5
811115-14	ESW-22S-3

The data was flagged due to interferences from the sample matrix. All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Base-25S/55W-4	Client:	Whitman Environmental Sciences
Date Received:	11/12/08	Project:	Portac Mill Hydraulics WES 1400
Date Extracted:	11/17/08	Lab ID:	811115-11 1/50
Date Analyzed:	11/21/08	Data File:	112106.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d 10	82	50	150
Benzo(a)anthracene-d 12	399 J, vo	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.15
2-Methylnaphthalene	0.14
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1 J, js
Chrysene	<0.1 J, js
Benzo(a)pyrene	<0.1 J, js
Benzo(b)fluoranthene	<0.1 J, js
Benzo(k)fluoranthene	<0.1 J, js
Indeno(1,2,3-cd)pyrene	<0.1 J, js
Dibenz(a,h)anthracene	<0.1 J, js

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 18, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 17, 2008 from the Portac Mill Hydraulic, WES 1400, F&BI 811183 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1118R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 17, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Mill Hydraulic, WES 1400, F&BI 811183 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811183-01	SSW 45W/55S
811183-02	NSW 60W-2
811183-03	SSW 55W/55S-3
811183-04	BASE 45W/50S-4
811183-05	WSW 57W/25S
811183-06	BASE 65W/15S-4
811183-07	BASE 60W/30S-5
811183-08	WSW 68W/40S-3

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/08
 Date Received: 11/17/08
 Project: Portac Mill Hydraulic, WES 1400, F&BI 811183
 Date Extracted: 11/17/08
 Date Analyzed: 11/17/08 and 11/18/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
 FOR TOTAL PETROLEUM HYDROCARBONS AS
 DIESEL AND MOTOR OIL
 USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis
 Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
NSW 60W-2 811183-02	<50	<250	82
BASE 45W/50S-4 811183-04	<50	<250	99
WSW 57W/25S 811183-05	<50	<250	83
BASE 65W/15S-4 811183-06	<50	<250	80
BASE 60W/30S-5 811183-07	<50	<250	80
WSW 68W/40S-3 811183-08	1,300 x	7,600	95
Method Blank	<50	<250	80

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/08
Date Received: 11/17/08
Project: Portac Mill Hydraulic, WES 1400, F&BI 811183
Date Extracted: 11/17/08
Date Analyzed: 11/18/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

**Sample Extracts Passed Through a
Silica Gel Column Prior to Analysis**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SSW 45W/55S 811183-01	16,000	27,000	102
SSW 55W/55S-3 811183-03	500 x	2,400	91
Method Blank	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/08

Date Received: 11/17/08

Project: Portac Mill Hydraulic, WES 1400, F&BI 811183

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 811158-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	89	79	71-137	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	86	70-129

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/08

Date Received: 11/17/08

Project: Portac Mill Hydraulic, WES 1400, F&BI 811183

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 811158-04 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	110	92	50-150	18

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	70-130

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

811183

SAMPLE CHAIN OF CUSTODY

ME 11-17-08

B03

Send Report To Mr. Williams
 Company William Law Services
 Address 5505 35th Ave NE
 City, State, ZIP Seattle, WA 98105
 Phone # 523-3525 Fax # _____

SAMPLES (signature) _____
 PROJECT NAME/NO. _____
 PO # 0085
 REMARKS Small Mill Herring 140

Page # _____
 FORNOUND TIME _____
 Standard (2 Weeks)
 RUSH 24hr
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
5500 450/558-3	01	11-14-08		Soil	1	<input checked="" type="checkbox"/>						* Suck CD
1500 400-R-	02				1							
5500 550/558-3	03				1							* Suck CD
RSE 450/505-4	04				1							
4356 670/255	05				1							
RSE 650/155-4	06				1							
RSE 600/308-5	07				1							
5500 680/408-3	08				1							

Methodology & Project, Inc.
 1012 10th Avenue West
 Seattle, WA 98119-3029
 Ph. (206) 205-0883
 Fax (206) 248-0044
 PG000000000000000000

Requested by	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Requested by:	<u>Eric Young</u>	Eric Young	FAR	11/17	9:55 AM
Requested by:	<u>Eric Young</u>	Eric Young	FAR	11/17	9:55 AM

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 20, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 19, 2008 from the Portac Mill PO WES 1400, F&BI 811214 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES112OR.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 19, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences Portac Mill PO WES 1400, F&BI 811214 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Whitman Environmental Sciences</u>
811214-01	SWB-55W/70S
811214-02	WSW-70W/45S
811214-03	ESW-40W/78S
811214-04	BASE 40W/60S
811214-05	SSW 45W/80S

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/20/08
Date Received: 11/19/08
Project: Portac Mill PO WES 1400, F&BI 811214
Date Extracted: 11/19/08
Date Analyzed: 11/20/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SWB-55W/70S 81121401	<50	<250	73
WSW-70W/45S 81121402	<50	<250	78
ESW-40W/78S 81121403	<50	<250	78
BASE 40W/60S 81121404	270x	1,500	76
SSW 45W/80S 81121405	<50	<250	78
Method Blank	<50	<250	79

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/20/08

Date Received: 11/19/08

Project: Portac Mill PO WES 1400, F&BI 811214

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 811210-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	80	79	50-150	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	84	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811214

SAMPLE CHAIN OF CUSTODY

ME 11-19-08

B01

Send Report To Eric Johnson
 Company Continental Tire Services
 Address 5588 35th Ave NE
 City, State, ZIP Seattle, WA 98115
 Phone # 5588-3585 Fax # _____

SAMPLERS (signature) _____
 PROJECT NAME/NO. _____
 PO # 1065
 REMARKS From Mike Williams 145

Page # _____ of _____
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH RTA
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel <input checked="" type="checkbox"/>	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
5588-1002/185 01		11-19	AM	soil	1	X						
5588-1002/185 03					1	X						
5588-1002/185 04					1	X						
5588-1502/805 05					1	X						

Frederman & Bruyn, Inc.
 8012 16th Avenue West
 Seattle, WA 98119-2029
 PH. (206) 265-8988
 Fax (206) 265-8944

Retrieved by: _____	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Retrieved by: _____	_____	Eric Johnson	Continental	11-19-08	2:33
Retrieved by: _____	_____			11/19	14:33
Retrieved by: _____	_____				

Samples received at 16 °C

Crushed Concrete Backfill Material Testing

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 13, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on November 6, 2008 from the Portac Nuprecon PO WES 1400A, F&BI 811057 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1113R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 6, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences PortacNuprecon PO WES 1400A, F&BI 811057 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
811057-01

Whitman Environmental Sciences
Crushed Concrete

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08
Date Received: 11/06/08
Project: PortacNuprecon PO WES 1400A, F&BI 811057
Date Extracted: 11/07/08
Date Analyzed: 11/08/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID
Results Reported as Not Detected (ND) or Detected (D)**

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

<u>Sample ID</u> Laboratory ID	<u>Gasoline</u>	<u>Diesel</u>	<u>Heavy Oil</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Crushed Concrete 811057-01	ND	ND	D	122
Method Blank	ND	ND	ND	105

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: PortacNuprecon PO WES 1400A, F&BI 811057

Date Extracted: 11/11/08

Date Analyzed: 11/12/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
Crushed Concrete 811057-01	560x	2,500	111
Method Blank	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Crushed Concrete	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac/Nuprecon PO WES 1400A
Date Extracted:	11/07/08	Lab ID:	811057-01
Date Analyzed:	11/11/08	Data File:	811057-01.027
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	107	60	125
Indium	95	60	125
Holmium	98	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	25.6
Arsenic	16.9
Selenium	<1
Silver	<1
Cadmium	<1
Barium	51.7
Lead	11.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	NA	Project:	Portac/Nuprecon PO WES 1400A
Date Extracted:	11/07/08	Lab ID:	I8-417 mb
Date Analyzed:	11/11/08	Data File:	I8-417 mb.022
Matrix:	Soil	Instrument:	ICPMS 1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	105	60	125
Indium	96	60	125
Holmium	96	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Selenium	<1
Silver	<1
Cadmium	<1
Barium	<1
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: PortacNuprecon PO WES 1400A, F&BI 811057

Date Extracted: 11/07/08

Date Analyzed: 11/11/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL MERCURY
USING EPA METHOD 1631E**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Total Mercury</u>
Crushed Concrete 811057-01	<0.2
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Crushed Concrete	Client:	Whitman Environmental Sciences
Date Received:	11/06/08	Project:	Portac/Nuprecon PO WES 1400A
Date Extracted:	11/07/08	Lab ID:	811057-01 1/5
Date Analyzed:	11/10/08	Data File:	111008.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	4ip	30	118
Phenol-d6	35	30	118
Nitrobenzene-d5	85	10	180
2-Fluorobiphenyl	90	40	130
2,4,6-Tribromophenol	Oip	16	116
Terphenyl-d 14	81	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<1.5	3-Nitroaniline	<4.5
Bis (2-chloroethyl) ether	<0.15	Acenaphthene	0.45
2-Chlorophenol	<1.5	2,4-Dinitrophenol	<4.5
1,3-Dichlorobenzene	<0.15	Dibenzofuran	0.28
1,4-Dichlorobenzene	<0.15	2,4-Dinitrotoluene	<0.15
1,2-Dichlorobenzene	<0.15	4-Nitrophenol	<1.5
Benzyl alcohol	<0.15	Diethyl phthalate	<0.15
Bis (2-chloroisopropyl) ether	<0.15	Fluorene	0.37
2-Methylphenol	<1.5	4-Chlorophenyl phenyl ether	<0.15
Hexachloroethane	<0.15	N-Nitrosodiphenylamine	<0.15
N-Nitroso-di-n-propylamine	<0.15	4-Nitroaniline	<4.5
4-Methylphenol	<1.5	4,6-Dinitro-2-methylphenol	<4.5
Nitrobenzene	<0.15	4-Bromophenyl phenyl ether	<0.15
Isophorone	<0.15	Hexachlorobenzene	<0.15
2-Nitrophenol	<1.5	Pentachlorophenol	<1.5
2,4-Dimethylphenol	<1.5	Phenanthrene	1.5
Benzoic acid	<15	Anthracene	<0.15
Bis (2-chloroethoxy)methane	<0.15	Carbazole	<0.15
2,4-Dichlorophenol	<1.5	Di-n-butyl phthalate	<0.15
1,2,4-Trichlorobenzene	<0.15	Fluoranthene	0.67
Naphthalene	0.27	Pyrene	0.55
Hexachlorobutadiene	<0.15	Benzyl butyl phthalate	<0.15
4-Chloroaniline	<15	Benz(a)anthracene	0.17
4-Chloro-3-methylphenol	<1.5	Chrysene	<0.15
2-Methylnaphthalene	0.34	Bis (2-ethylhexyl) phthalate	<1.5
Hexachlorocyclopentadiene	<0.45	Di-n-octyl phthalate	<0.15
2,4,6-Trichlorophenol	<1.5	Benzo(a)pyrene	<0.15
2,4,5-Trichlorophenol	<1.5	Benzo(b)fluoranthene	<0.15
2-Chloronaphthalene	<0.15	Benzo(k)fluoranthene	<0.15
2-Nitroaniline	<0.15	Indeno(1,2,3-cd)pyrene	<0.15
Dimethyl phthalate	<0.15	Dibenz(a,h)anthracene	<0.15
Acenaphthylene	<0.15	Benzo(g,h,i)perylene	<0.15
2,6-Dinitrotoluene	<0.15		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Whitman Environmental Sciences
Date Received:	NA	Project:	Portac Nuprecon PO WES 1400A
Date Extracted:	11/07/08	Lab ID:	081782mb
Date Analyzed:	11/07/08	Data File:	110718.D
Matrix:	Soil	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	86	30	118
Phenol-d6	89	30	118
Nitrobenzene-d5	91	10	180
2-Fluorobiphenyl	93	40	130
2,4,6-Tribromophenol	90	16	116
Terphenyl-d 14	79	30	144

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.3	3-Nitroaniline	<0.9
Bis (2-chloroethyl) ether	<0.03	Acenaphthene	<0.03
2-Chlorophenol	<0.3	2,4-Dinitrophenol	<0.9
1,3-Dichlorobenzene	<0.03	Dibenzofuran	<0.03
1,4-Dichlorobenzene	<0.03	2,4-Dinitrotoluene	<0.03
1,2-Dichlorobenzene	<0.03	4-Nitrophenol	<0.3
Benzyl alcohol	<0.03	Diethyl phthalate	<0.03
Bis (2-chloroisopropyl) ether	<0.03	Fluorene	<0.03
2-Methylphenol	<0.3	4-Chlorophenyl phenyl ether	<0.03
Hexachloroethane	<0.03	N-Nitrosodiphenylamine	<0.03
N-Nitroso-di-n-propylamine	<0.03	4-Nitroaniline	<0.9
4-Methylphenol	<0.3	4,6-Dinitro-2-methylphenol	<0.9
Nitrobenzene	<0.03	4-Bromophenyl phenyl ether	<0.03
Isophorone	<0.03	Hexachlorobenzene	<0.03
2-Nitrophenol	<0.3	Pentachlorophenol	<0.3
2,4-Dimethylphenol	<0.3	Phenanthrene	<0.03
Benzoic acid	<3	Anthracene	<0.03
Bis (2-chloroethoxy)methane	<0.03	Carbazole	<0.03
2,4-Dichlorophenol	<0.3	Di-n-butyl phthalate	<0.03
1,2,4-Trichlorobenzene	<0.03	Fluoranthene	<0.03
Naphthalene	<0.03	Pyrene	<0.03
Hexachlorobutadiene	<0.03	Benzyl butyl phthalate	<0.03
4-Chloroaniline	<3	Benz(a)anthracene	<0.03
4-Chloro-3-methylphenol	<0.3	Chrysene	<0.03
2-Methylnaphthalene	<0.03	Bis (2-ethylhexyl) phthalate	<0.3
Hexachlorocyclopentadiene	<0.09	Di-n-octyl phthalate	<0.03
2,4,6-Trichlorophenol	<0.3	Benzo(a)pyrene	<0.03
2,4,5-Trichlorophenol	<0.3	Benzo(b)fluoranthene	<0.03
2-Chloronaphthalene	<0.03	Benzo(k)fluoranthene	<0.03
2-Nitroaniline	<0.03	Indeno(1,2,3-cd)pyrene	<0.03
Dimethyl phthalate	<0.03	Dibenz(a,h)anthracene	<0.03
Acenaphthylene	<0.03	Benzo(g,h,i)perylene	<0.03
2,6-Dinitrotoluene	<0.03		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: PortacNuprecon PO WES 1400A, F&BI 811057

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 811097-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	111	121	71-137	9

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	70-129

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: PortacNuprecon PO WES 1400A, F&BI 811057

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 811060-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/kg (ppm)	8.22	8.75	6	0-20
Arsenic	mg/kg (ppm)	2.18	2.28	4	0-20
Selenium	mg/kg (ppm)	<1	<1	nm	0-20
Silver	mg/kg (ppm)	<1	<1	nm	0-20
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Barium	mg/kg (ppm)	41.1	36.5	12	0-20
Lead	mg/kg (ppm)	23.9	20.0	18	0-20

Laboratory Code: 811060-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	8.22	79	50-150
Arsenic	mg/kg (ppm)	10	2.18	109b	50-150
Selenium	mg/kg (ppm)	5	<1	101	50-150
Silver	mg/kg (ppm)	10	<1	100	50-150
Cadmium	mg/kg (ppm)	10	<1	101	50-150
Barium	mg/kg (ppm)	50	41.1	89b	50-150
Lead	mg/kg (ppm)	50	23.9	87b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	88	70-130
Arsenic	mg/kg (ppm)	10	112	70-130
Selenium	mg/kg (ppm)	5	112	70-130
Silver	mg/kg (ppm)	10	107	70-130
Cadmium	mg/kg (ppm)	10	106	70-130
Barium	mg/kg (ppm)	50	102	70-130
Lead	mg/kg (ppm)	50	96	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: PortacNuprecon PO WES 1400A, F&BI 811057

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES FOR
TOTAL MERCURY
USING EPA METHOD 1631E**

Laboratory Code: 811060-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	<0.2	95	88	50-150	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	85	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: PortacNuprecon PO WES 1400A, F&BI 811057

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: 811059-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Phenol	mg/kg (ppm)	<3	<3	nm
Bis (2-chloroethyl) ether	mg/kg (ppm)	<0.3	<0.3	nm
2-Chlorophenol	mg/kg (ppm)	<3	<3	nm
1,3-Dichlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
1,4-Dichlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
1,2-Dichlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
Bis (2-chloroisopropyl) ether	mg/kg (ppm)	<0.3	<0.3	nm
Hexachloroethane	mg/kg (ppm)	<0.3	<0.3	nm
N-Nitroso-di-n-propylamine	mg/kg (ppm)	<0.3	<0.3	nm
4-Methylphenol	mg/kg (ppm)	<3	<3	nm
Nitrobenzene	mg/kg (ppm)	<0.3	<0.3	nm
Isophorone	mg/kg (ppm)	<0.3	<0.3	nm
2,4-Dimethylphenol	mg/kg (ppm)	<3	<3	nm
Bis (2-chloroethoxy)methane	mg/kg (ppm)	<0.3	<0.3	nm
1,2,4-Trichlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
Hexachlorobutadiene	mg/kg (ppm)	<0.3	<0.3	nm
4-Chloro-3-methylphenol	mg/kg (ppm)	<3	<3	nm
2-Methylnaphthalene	mg/kg (ppm)	<0.3	<0.3	nm
Hexachlorocyclopentadiene	mg/kg (ppm)	<0.9	<0.9	nm
2,4,6-Trichlorophenol	mg/kg (ppm)	<3	<3	nm
2-Chloronaphthalene	mg/kg (ppm)	<0.3	<0.3	nm
Dimethyl phthalate	mg/kg (ppm)	<0.3	<0.3	nm
2,6-Dinitrotoluene	mg/kg (ppm)	<0.3	<0.3	nm
Acenaphthene	mg/kg (ppm)	<0.3	<0.3	nm
2,4-Dinitrotoluene	mg/kg (ppm)	<0.3	<0.3	nm
4-Nitrophenol	mg/kg (ppm)	<3	<3	nm
Diethyl phthalate	mg/kg (ppm)	<0.3	<0.3	nm
4-Chlorophenyl phenyl ether	mg/kg (ppm)	<0.3	<0.3	nm
N-Nitrosodiphenylamine	mg/kg (ppm)	<0.3	<0.3	nm
4-Bromophenyl phenyl ether	mg/kg (ppm)	<0.3	<0.3	nm
Hexachlorobenzene	mg/kg (ppm)	<0.3	<0.3	nm
Pentachlorophenol	mg/kg (ppm)	<3	<3	nm
Carbazole	mg/kg (ppm)	<0.3	<0.3	nm
Di-n-butyl phthalate	mg/kg (ppm)	<0.3	<0.3	nm
Pyrene	mg/kg (ppm)	<0.3	<0.3	nm
Benzyl butyl phthalate	mg/kg (ppm)	<0.3	<0.3	nm
Chrysene	mg/kg (ppm)	<0.3	<0.3	nm
Bis (2-ethylhexyl) phthalate	mg/kg (ppm)	<0.3	<0.3	nm
Di-n-octyl phthalate	mg/kg (ppm)	<0.3	<0.3	nm

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/13/08

Date Received: 11/06/08

Project: PortacNuprecon PO WES 1400A, F&BI 811057

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR SEMIVOLATILES BY EPA METHOD 8270D**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Phenol	mg/kg (ppm)	2.5	80	82	40-105	2
Bis(2-chloroethyl) ether	mg/kg (ppm)	1.7	78	80	32-144	3
2-Chlorophenol	mg/kg (ppm)	2.5	85	86	43-106	1
1,3-Dichlorobenzene	mg/kg (ppm)	1.7	88	91	52-110	3
1,4-Dichlorobenzene	mg/kg (ppm)	1.7	86	88	44-107	2
1,2-Dichlorobenzene	mg/kg (ppm)	1.7	93	95	54-113	2
Bis(2-chloroisopropyl) ether	mg/kg (ppm)	1.7	99	101	51-115	2
Hexachloroethane	mg/kg (ppm)	1.7	87	88	48-117	1
N-Nitroso-di-n-propylamine	mg/kg (ppm)	1.7	87	89	36-116	2
4-Methylphenol	mg/kg (ppm)	2.5	82	83	38-108	1
Nitrobenzene	mg/kg (ppm)	1.7	85	87	47-114	2
Isophorone	mg/kg (ppm)	1.7	97	99	50-125	2
2,4-Dimethylphenol	mg/kg (ppm)	2.5	73	73	31-99	0
Bis(2-chloroethoxy)methane	mg/kg (ppm)	1.7	85	87	51-110	2
1,2,4-Trichlorobenzene	mg/kg (ppm)	1.7	88	90	45-109	2
Hexachlorobutadiene	mg/kg (ppm)	1.7	87	89	53-110	2
4-Chloro-3-methylphenol	mg/kg (ppm)	2.5	84	86	42-114	2
2-Methylnaphthalene	mg/kg (ppm)	1.7	89	89	39-139	0
Hexachlorocyclopentadiene	mg/kg (ppm)	3.3	94	95	34-113	1
2,4,6-Trichlorophenol	mg/kg (ppm)	2.5	85	86	39-111	1
2-Chloronaphthalene	mg/kg (ppm)	1.7	90	91	50-111	1
Dimethyl phthalate	mg/kg (ppm)	1.7	86	87	49-117	1
2,6-Dinitrotoluene	mg/kg (ppm)	1.7	83	85	46-120	2
Acenaphthene	mg/kg (ppm)	1.7	79	80	55-105	1
2,4-Dinitrotoluene	mg/kg (ppm)	1.7	90	91	43-115	1
4-Nitrophenol	mg/kg (ppm)	2.5	93	98	34-125	5
Diethyl phthalate	mg/kg (ppm)	1.7	86	88	50-118	2
4-Chlorophenyl phenyl ether	mg/kg (ppm)	1.7	96	97	53-121	1
N-Nitrosodiphenylamine	mg/kg (ppm)	1.7	68	68	26-116	0
4-Bromophenyl phenyl ether	mg/kg (ppm)	1.7	89	90	52-115	1
Hexachlorobenzene	mg/kg (ppm)	1.7	90	90	41-113	0
Pentachlorophenol	mg/kg (ppm)	2.5	93	93	31-125	0
Carbazole	mg/kg (ppm)	1.7	89	89	31-164	0
Di-n-butyl phthalate	mg/kg (ppm)	1.7	89	89	52-118	0
Pyrene	mg/kg (ppm)	1.7	76	76	39-113	0
Benzyl butyl phthalate	mg/kg (ppm)	1.7	76	75	47-120	1
Chrysene	mg/kg (ppm)	1.7	69	69	42-123	0
Bis(2-ethylhexyl) phthalate	mg/kg (ppm)	1.7	78	76	55-117	3
Di-n-octyl phthalate	mg/kg (ppm)	1.7	92	89	50-139	3

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

811057

SAMPLE CHAIN OF CUSTODY

ME 11-06-08

BI1

Event Report To: Chris Williams
 Company: ACES
 Address: 5505 35th Ave NE
 City, State, ZIP: Seattle, WA 98115
 Phone #: _____ Fax #: _____

ANALYSTS (signature)
 PROJECT NAME: SPRINKLER/WIRETAP
 REMARKS: _____
 FO #: 1085
14229A

Page # _____
 TRANSFERRED TO: _____
 (Standard 2 Weeks)
 DELIVER 5 days
 Bank charges authorized by: _____
SAFETY DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
<u>1451057-01</u>		<u>11-6-08</u>	<u>4:00 PM</u>	<u>SOIL</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Professional & Design, Inc.
 1000 10th Avenue West
 Seattle, WA 98119-3030
 PH: (206) 835-4002
 Fax: (206) 835-4044
 FOS: 000000000000000000000000

INITIALS: _____
 PRINT NAME: _____
 COMPANY: ACES
 DATE: 11/6/08
 TIME: 5:00 PM
 SIGNATURE: _____
 TITLE: VINH
 COMPANY: FBI
 DATE: 11/6/08
 TIME: 5:00 PM

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 21, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the additional results from the testing of material submitted on November 6, 2008 from the Portac/Nuprecon WES 1400A, F&BI 811057 project. There are 4 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
WES1121R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 6, 2008 by Friedman & Bruya, Inc. from the Whitman Environmental Sciences PortacNuprecon WES 1400A, F&BI 811057 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
811057-01

Whitman Environmental Sciences
Crushed Concrete

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/08

Date Received: 11/06/08

Project: PortacNuprecon WES 1400A, F&BI 811057

Date Extracted: 11/17/08

Date Analyzed: 11/18/08

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

**Sample Extracts Passed Through a
Silica Gel Column Prior to Analysis**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Diesel Range</u>	<u>Motor Oil Range</u>	<u>Surrogate</u>
Laboratory ID	(C ₁₀ -C ₂₅)	(C ₂₅ -C ₃₆)	(% Recovery)
			(Limit 50-150)
Crushed Concrete 811057-01	550 x	2,000	103
Method Blank	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/08

Date Received: 11/06/08

Project: PortacNuprecon WES 1400A, F&BI 811057

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 811158-04 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	110	92	50-150	18

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

December 9, 2008

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

As requested, we have reviewed the reports issued by Friedman and Bruya, Inc. (F&BI) on November 13 and November 21, 2008 from the PortacNuprecon WES 1400A, F&BI 811057 project. These reports included analytical results generated from the testing of the sample Crushed Concrete using a gas chromatograph fitted with a flame ionization detector (GC/FID) following Method NWTPH-Dx. The purpose of this review was to evaluate whether the material reported in the NWTPH-Dx results for the sample Crushed Concrete may be due to the presence of asphalt. Our findings are provided below.

Review of the data generated shows that the sample Crushed Concrete contained motor oil range petroleum hydrocarbons at a level of approximately 2,000 mg/kg (ppm). A visual inspection of the sample showed that it contained pieces of gray concrete looking material. The sample also contained similarly sized black colored material.

Subsets of both the gray and black material were placed into beakers with an organic solvent. The gray material did not dissolve in the solvent and the extract remained clear. The black material did dissolve in the solvent, turning the extract black. The solubility of the black material is consistent with the presence of asphalt. It is common to get a quantifiable amount of motor oil range material when high levels of asphalt are present. Due to the likely presence of asphalt in the sample Crushed Concrete, it is possible that the motor oil range material present in this sample is due to the presence of asphalt.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Dan Whitman
December 9, 2008
Page 2

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

A handwritten signature in black ink that reads "Bradley T. Benson". The signature is written in a cursive style with a large, stylized initial "B".

Bradley T. Benson
Chemist

Enclosures
WES 1209R.DOC

APPENDIX C

Soil and Groundwater Disposal Documentation

***Dip Tank Soil Manifests,
Truck Weight Tickets
and Certificates of Disposal***

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08112624705

Checkin Date: 11/26/2008 **Time:** 08:38

Checkout Date: 11/26/2008 **Time:** 09:33

100031897 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: PAD987347515

Truck #: 19-FRANK

Tractor #:

Trailer #:

Driver: FRANK KETCHUM

GROSS WEIGHT :	69,160.00	LBs
TARE WEIGHT :	32,840.00	LBs
NET WEIGHT :	36,320.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08112624705 36300

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031897 CTN		
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421				
Generator's Phone 253-922-9900							
6. Transporter 1 Company Name U.S. BULK Transport				U.S. EPA ID Number PAD 987347515			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624				U.S. EPA ID Number IDD 073 114 654			
Facility's Phone 800-274-1516							
GENERATOR	9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	No	Type	80,000	P	F032
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name				Signature		Month Day Year	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit _____ Date leaving U.S. _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Terry L. Mather				Signature <i>[Signature]</i>		Month Day Year 11 25 08	
Transporter 2 Printed/Typed Name Frank Ketchum				Signature <i>[Signature]</i>		Month Day Year 11 25 08	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Reconnector signed in Trans 1, Trans 1 signed in Trans 2 for e (signature) only person should be driver and placing on vehicle from source not set. Blanket ok per Beck's orders. Full on lot 2100							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone							
18c. Signature of Alternate Facility (or Generator)				Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. U132		2.		3.		4.	
20. Designated Facility Owner or Operator Certification of receipt of hazardous material covered by the manifest as noted in Item 18a							
Printed/Typed Name John M. Cassidy Butler				Signature <i>[Signature]</i>		Month Day Year 11 26 08	

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08112624706

Checkin Date: 11/26/2008 **Time:** 08:41

Checkout Date: 11/26/2008 **Time:** 09:21

100031896 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 20-MILLER

Tractor #:

Trailer #:

Driver: GARY MILLER

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT : 75,440.00 **LBs**

TARE WEIGHT : 32,820.00 **LBs**

NET WEIGHT : 42,620.00 **LBs**

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

081121024704

42620*

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031896 CTN	
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421 Generator's Phone: 253-922-9900			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			
6. Transporter 1 Company Name US BULK Transport			U.S. EPA ID Number IPAD 987 347 515			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility's Phone: 800-274-1516			U.S. EPA ID Number IDD 073 114 654			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))		10. Containers		11. Total Quantity
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III		No. 1	Type DT	48,000
	2					
	3					
	4					
12. Unit Wt./Vol. P						
13. Waste Codes F032						
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053						
15. GENERATOR/SHOFFER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name		Signature		Month	Day	Year
Terry L Mather		[Signature]		11	25	08
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S. _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name		Signature		Month	Day	Year
GARY MILLER		[Signature]		11	25	08
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Res. Qty <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Driver released pending Blurred or pu Beau sendus via telcom 12/2/08						
18b. Alternate Facility (or Generator) Manifest Reference Number U.S. EPA ID Number						
Facility's Phone						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal, and recycling systems)						
1	2	3	4			
1	H132					
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month	Day	Year
Mike Aurbach for USEC		[Signature]		11	26	08

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08112624709

Checkin Date: 11/26/2008 **Time:** 08:44

Checkout Date: 11/26/2008 **Time:** 09:38

100031899 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 22-DENNIS

Tractor #:

Trailer #:

Driver: DENNIS LAHTINEN

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	89,120.00	LBs
TARE WEIGHT :	36,040.00	LBs
NET WEIGHT :	53,080.00	LBs

08/12/02 4709

53010[#]

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number W A D 0 5 9 3 2 7 0 4 9	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031899 CTN			
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421					
Generator's Phone: 253-922-9900								
6. Transporter 1 Company Name Portac US Bulk Transport				U.S. EPA ID Number PAD 987347515				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624				U.S. EPA ID Number IDD 073 114 654				
Facility's Phone: 800-274-1516								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes	
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	No. 1	Type DT	60000	P	F032	
	2							
	3							
	4							
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name Terry L. Mathern		Signature <i>Terry L. Mathern</i>		Month 11	Day 25	Year 08		
16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S. _____								
TRANSPORTER INT'L	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name DENNIS LIGHTNER		Signature <i>Dennis Lightner</i>		Month 11	Day 25	Year 08	
	Transporter 2 Printed/Typed Name		Signature		Month	Day	Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Driver released pending <i>Blanket de pot Beau Sanders via Ed.com 11/26/08</i>							
	18b. Alternate Facility for Generator: _____ Manifest Reference Number: _____ U.S. EPA ID Number: _____							
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1	2	3						
H132								
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.								
Printed/Typed Name Shak Albach for USEZ		Signature <i>Shak Albach</i>		Month 11	Day 26	Year 08		

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120325019

Checkin Date: 12/03/2008 **Time:** 07:05

Checkout Date: 12/03/2008 **Time:** 07:39

100031822 CTN

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: WAR000001263

Truck #: 3-MARK

Tractor #:

Trailer #:

Driver: MARK SCOTT

GROSS WEIGHT : 107,320.00 **LBs**

TARE WEIGHT : 38,700.00 **LBs**

NET WEIGHT : 68,620.00 **LBs**

08120305019 08620

Form Approved, OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031822 CTN			
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421		Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421						
Generator's Phone: 253-922-9900								
6. Transporter 1 Company Name Steve Forler				U.S. EPA ID Number WAAR 000 001 263				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624				U.S. EPA ID Number IDD 073 114 654				
Facility's Phone: 800-274-1516								
GENERATOR	9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes	
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	No.	Type	68500	P	P032	
		2						
		3						
		4						
14. Special Handling Instructions and Additional Information: WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name Terry L. Mathern		Signature <i>Terry L. Mathern</i>		Month Day Year 12 02 08				
TRANSPORTER	16. International Shipments: <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit _____ Date leaving U.S. _____							
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Mark Scott		Signature <i>Mark Scott</i>		Month Day Year 12 02 08			
Transporter 2 Printed/Typed Name		Signature		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator)				Manifest Reference Number			U.S. EPA ID Number
	Facility's Phone				U.S. EPA ID Number			
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
H132								
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a.								
Printed/Typed Name Mark Aubach for USEC		Signature <i>Mark Aubach</i>		Month Day Year 12 3 08				

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425134

Checkin Date: 12/04/2008 **Time:** 07:00

Checkout Date: 12/04/2008 **Time:** 07:58

100031830 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 1-JESSE

Tractor #:

Trailer #:

Driver: JESSE DEGARMO

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	80,140.00	LBs
TARE WEIGHT :	34,840.00	LBs
NET WEIGHT :	45,300.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425134

45300

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031830 CTN			
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421 253-922-9900		Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421						
6. Transporter 1 Company Name US Bulk Transport Inc		U.S. EPA ID Number PA0987347515						
7. Transporter 2 Company Name		U.S. EPA ID Number						
8. Designated Facility Name US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility's Phone: 800-274-1516		U.S. EPA ID Number IDD 073 114 654						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes	
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	No. 1	Type DT	4500	P	F032	
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled, placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name Terry L. Mathern		Signature <i>Terry L. Mathern</i>		Month Day Year 12 03 08				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Jesse DeJarmo		Signature <i>Jesse DeJarmo</i>		Month Day Year 12 3 08			
18. Discrepancy 18a. Discrepancy Indicator: Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <input type="checkbox"/> Manifest Reference Number: _____								
DESIGNATED FACILITY	18b. Alternate Facility (for Generator): _____ U.S. EPA ID Number: _____ Facility's Phone: _____							
	18c. Signature of Alternate Facility (for Generator): _____ Month Day Year: _____							
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H130		2. _____		3. _____		4. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Brenda Johnson for USEI		Signature <i>Brenda Johnson</i>		Month Day Year 12 14 08				

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425137

Checkin Date: 12/04/2008 **Time:** 07:00

Checkout Date: 12/04/2008 **Time:** 08:03

100031833 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 2-GARY

Tractor #:

Trailer #:

Driver: GARY MILLER

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	78,620.00	LBs
TARE WEIGHT :	32,520.00	LBs
NET WEIGHT :	46,100.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425137 46100
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031833 CTN
----------------------------------	---	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
--	---

Generator's Phone: **253-922-9900**

6. Transporter 1 Company Name US BULK Transport Inc	U.S. EPA ID Number IPAD 987347575
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624	U.S. EPA ID Number IDD 073 114 654
--	--

Facility's Phone: **800-274-1516**

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes	
		No	Type				
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	47,500	P	F032	
2							
3							
4							

14. Special Handling Instructions and Additional Information
**WSID # 21321
For Emergency Procedures Consult DOT ERG: 171
In case of emergency, call INFOTRAC: 800-535-5053**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: **Terry L. Mathern**
Signature: *Terry L. Mathern*
Month Day Year: **12 03 01**

16. International Shipments
 Import to U.S. Export from U.S.
Port of entry/exit: _____
Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: **GARY MILLEN**
Signature: *Gary Millen*
Month Day Year: **12 03 01**

Transporter 2 Printed/Typed Name: _____
Signature: _____
Month Day Year: **12 03 01**

18. Discrepancy
18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection
Manifest Reference Number: _____

18b. Alternate Facility (or Generator)
Facility's Phone: _____
U.S. EPA ID Number: _____

18c. Signature of Alternate Facility (or Generator)
Month Day Year: _____

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. D132	2.	3.	4.
----------------	----	----	----

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a.
Printed/Typed Name: **Janan McCally**
Signature: *Janan McCally*
Month Day Year: **12 14 01**

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425138

Checkin Date: 12/04/2008 **Time:** 07:04

Checkout Date: 12/04/2008 **Time:** 08:09

100031831 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 6-DENNIS

Tractor #:

Trailer #:

Driver: DENNIS LAHTINEN

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	91,760.00	LBs
TARE WEIGHT :	35,840.00	LBs
NET WEIGHT :	55,920.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425138

55920
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031831 CTN				
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421						
Generator's Phone: 253-922-9900									
6. Transporter 1 Company Name U S Bulk Transport Inc				U.S. EPA ID Number PAD987347515					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624				U.S. EPA ID Number					
Facility's Phone: 800-274-1516				IDD 073 114 654					
GENERATOR	9a. HMI	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt. Vol	13. Waste Codes	
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III		1 DT		55920	P	F032	
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name Terry L. Mather				Signature <i>Terry L. Mather</i>		Month Day Year 12 03 08			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Dennis Laitinen				Signature <i>Dennis Laitinen</i>		Month Day Year 12 3 08			
Transporter 2 Printed/Typed Name				Signature		Month Day Year			
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number U.S. EPA ID Number									
Facility's Phone									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. H132			2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name Brenda Johnson for use of Brenda Johnson				Signature <i>Brenda Johnson</i>		Month Day Year 12 04 08			

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425141

Checkin Date: 12/04/2008 **Time:** 07:18

Checkout Date: 12/04/2008 **Time:** 08:11

100031829 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 10-R MAINORD

Tractor #:

Trailer #:

Driver: ROBERT MAINORD

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	73,820.00	LBs
TARE WEIGHT :	32,200.00	LBs
NET WEIGHT :	41,620.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425141

41620
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031829 CTN			
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421					
Generator's Phone: 253-922-9900								
6. Transporter 1 Company Name US BULK				U.S. EPA ID Number AD 987347515				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624				U.S. EPA ID Number IDD 073 114 654				
Facility's Phone: 800-274-1516								
GENERATOR	9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	No.	Type				
			1	DT	4400	P	F032	
14. Special Handling Instructions and Additional Information WSID# 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Terry L. Mathern				Signature <i>Terry L. Mathern</i>		Month Day Year 12 03 04		
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit _____ Date leaving U.S. _____							
	17. Transporter Acknowledgment of Receipt of Materials							
TRANSPORTER	Transporter 1 Printed/Typed Name Robert Mainard				Signature <i>Robert Mainard</i>		Month Day Year	
	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator)				Manifest Reference Number		U.S. EPA ID Number	
	Facility's Phone							
18c. Signature of Alternate Facility (or Generator)							Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1 H132		2		3		4		
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a.								
Printed/Typed Name Brenda Johnson for USEC				Signature <i>Brenda Johnson</i>		Month Day Year 12 4 08		

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425142

Checkin Date: 12/04/2008 **Time:** 07:19

Checkout Date: 12/04/2008 **Time:** 08:14

100031828 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 11-FRANK

Tractor #:

Trailer #:

Driver: FRANK KETCHUM

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	80,580.00	LBs
TARE WEIGHT :	32,900.00	LBs
NET WEIGHT :	47,680.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425142

47680

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031828 CTN	
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421 253-922-9900			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			
Generator's Phone:						
6. Transporter 1 Company Name US BULK				U.S. EPA ID Number PA0987347515		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designator US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Factory's Phone: 800-274-1516				U.S. EPA ID Number IDD 073 114 654		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol
			No.	Type		
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	416,000	P
						F032
13. Waste Codes						
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name: Terry L. Mathern Signature: <i>Terry L. Mathern</i> Month: 12 Day: 03 Year: 08						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name: Frank Ketchum Signature: <i>Frank Ketchum</i> Month: 12 Day: 3 Year: 08						
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____						
DESIGNATED FACILITY	18. Discrepancy:					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____					
	Factory's Phone: _____					
	18c. Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____					
19. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal, and recycling systems)						
1		2		3		4
4132						
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a.						
Printed/Typed Name: Janet McCarty Signature: <i>Janet McCarty</i> Month: 12 Day: 4 Year: 08						

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425143

Checkin Date: 12/04/2008 **Time:** 07:20

Checkout Date: 12/04/2008 **Time:** 08:24

100031826 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: PAD987347515

Truck #: 12-DOUGLAS

Tractor #:

Trailer #:

Driver: DOUGLAS RHEUBY

GROSS WEIGHT : 87,720.00 **LBs**

TARE WEIGHT : 32,720.00 **LBs**

NET WEIGHT : 55,000.00 **LBs**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425743

53000

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031826 CTN
----------------------------------	---	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA. 98421	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA. 98421
Generator's Phone: 253-922-9900	

6. Transporter 1 Company Name U S BULK	U.S. EPA ID Number: IPAD 987347575
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Des: US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility's Phone: 800-274-1516	U.S. EPA ID Number: IDD 073 114 654
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	55000	P	P032
2						
3						
4						

14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name Terry L. Mathern	Signature <i>Terry L. Mathern</i>	Month 12	Day 3	Year 08
---	--------------------------------------	--------------------	-----------------	-------------------

16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
--	---

17. Transporter Acknowledgment of Receipt of Materials	Signature <i>Douglas R. Rheuby</i>	Month 12	Day 3	Year 08
Transporter 1 Printed/Typed Name Douglas R. Rheuby	Signature <i>Douglas R. Rheuby</i>	Month 12	Day 3	Year 08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection
Manifest Reference Number

18b. Alternate Facility (or Generator):	U.S. EPA ID Number
Facility's Phone	

18c. Signature of Alternate Facility (or Generator):	Month	Day	Year
--	-------	-----	------

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):
U322

20. Designated Facility, Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.				
Printed/Typed Name Jessica M. McCarty	Signature <i>Jessica M. McCarty</i>	Month 12	Day 4	Year 08

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425145

Checkin Date: 12/04/2008 **Time:** 07:34

Checkout Date: 12/04/2008 **Time:** 08:15

100031827 CTN

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: WAR000001263

Truck #: 15-TYLER

Tractor #:

Trailer #:

Driver: TYLER MCMONIGLE

GROSS WEIGHT : 105,260.00 **LBs**

TARE WEIGHT : 38,540.00 **LBs**

NET WEIGHT : 66,720.00 **LBs**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425145

16720
Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031827 CTN	
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			
Generator's Phone: 253-922-9900						
6. Transporter 1 Company Name Steve Forler Trucking Inc			U.S. EPA ID Number WAR 000 00/263			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624			U.S. EPA ID Number IDD 073 114 654			
Facility's Phone: 800-274-1516						
9a. HRI	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol
			No.	Type		
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III		1	DT	67,000	P
						F032
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that: the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true						
Generator's/Offeror's Printed/Typed Name Terry Mathern			Signature <i>Terry Mathern</i>		Month Day Year 12/03/08	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry and Date leaving U.S.						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Tyler McMonigh			Signature <i>Tyler McMonigh</i>		Month Day Year 12/13/08	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator):			Manifest Reference Number:		U.S. EPA ID Number:	
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator):			Signature		Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):						
1	2	3	4	5	6	7
D32						
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name James M. Caffrey			Signature <i>James M. Caffrey</i>		Month Day Year 12/4/08	

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425147

Checkin Date: 12/04/2008 Time: 07:35

Checkout Date: 12/04/2008 Time: 08:18

100031832 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 16-BANKS

Tractor #:

Trailer #:

Driver: BRIAN BANKS

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	78,020.00	LBs
TARE WEIGHT :	31,720.00	LBs
NET WEIGHT :	46,300.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425147

46300#
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number W A D 0 5 9 3 2 7 0 4 9	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031832 CTN		
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421				
Generator's Phone: 253-922-9900							
6. Transporter 1 Company Name US Bulk Transport Inc			U.S. EPA ID Number PAD 987347515				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Destination Facility Name US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624			U.S. EPA ID Number IDD 073 114 654				
Facility's Phone: 800-274-1516							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	No. 1	Type DT	47000	P	F032
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations, if export shipment and I am the Primary Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Terry L. Mathern		Signature <i>Terry L. Mathern</i>		Month Day Year 12 03 08			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Brian P. Banks		Signature <i>Brian P. Banks</i>		Month Day Year 12 03 08			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication: <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator): _____ U.S. EPA ID Number: _____						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator): _____ Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1 D32		2		3		4	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name: Daniel M. Carthy		Signature <i>Daniel M. Carthy</i>		Month Day Year 12 04 08			

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120425157

Checkin Date: 12/04/2008 **Time:** 08:39

Checkout Date: 12/04/2008 **Time:** 09:17

100031823 CTN

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: WAR000001263

Truck #: 23-LYLE

Tractor #:

Trailer #:

Driver: LYLE PUCKETT

GROSS WEIGHT : 103,300.00 **LBs**

TARE WEIGHT : 40,460.00 **LBs**

NET WEIGHT : 62,840.00 **LBs**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120425757

42840

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031823 CTN		
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421			Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421				
Generator's Phone: 253-922-9900							
6. Transporter 1 Company Name Steve Forler Trucking Inc				U.S. EPA ID Number WAR 000 001263			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624				U.S. EPA ID Number IDD 073 114 654			
Facility's Phone: 800-274-1516							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1 DT		65,500	P	F032
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053							
15. GENERATOR'S/SHOFFER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name: Terry L. Mather Signature: <i>Terry L. Mather</i> Month: 12 Day: 03 Year: 08							
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: LYLE TILBOTT Signature: <i>Lyle Tilbott</i> Month: 12 Day: 3 Year: 08 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____						
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator): _____ U.S. EPA ID Number: _____				Facility's Phone: _____		
	18c. Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____						
19. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal, and recycling systems) 1. A132 2. _____ 3. _____ 4. _____							
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Daniel McCauley Signature: <i>Daniel McCauley</i> Month: 12 Day: 14 Year: 08							

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625380

Checkin Date: 12/06/2008 **Time:** 07:03

Checkout Date: 12/06/2008 **Time:** 07:37

100031837 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 6-BANKS

Tractor #:

Trailer #:

Driver: BRIAN BANKS

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	78,980.00	LBs
TARE WEIGHT :	32,320.00	LBs
NET WEIGHT :	46,660.00	LBs

08120625580

46, 600*
EPA Approved, OMB No. 2050-008

Please print or type. (Form designed for use on date 12-p (ch) typewriter)

UNIFORM HAZARDOUS WASTE MANIFEST		Generator ID Number WAD059327049	Place 1	Emergency Response Phone 800-535-5053	Manifest Tracking Number 100031837 CTN		
Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421		Generator's Site Address (if different from mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421					
Generator's Phone 253-922-9900							
Transporter 1 Company Name US Bulk Transport Inc		U.S. EPA ID Number PAD 987 347 515					
Transporter 2 Company Name		U.S. EPA ID Number					
Receiver's Name and Mailing Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility Phone: 800-274-1516		U.S. EPA ID Number IDD 073 114 654					
GENERATOR	Quantity and Packaging RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III		Containers No. 1	Type DT	Total Quantity 47000	U.S. DOT Hazard Class P	U.S. DOT ID Number P032
14. Special Handling Instructions and Access Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/carcassed, and are in all respects in compliance with the requirements for transportation set forth in the applicable international, national, and state government regulations, if any, and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Approval Agreement of Consent. I certify that the waste, or material placement, identified in 40 CFR 262.20(a) (1) is a large quantity generator or (b) if I am a small quantity generator is true.							
Generator's Officer's Printed/Typed Name Terry L. Matherly Signature: <i>Terry L. Matherly</i> Month: 12 Day: 5 Year: 08							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of Origin and Date Leaving U.S.							
17. Transporter Acknowledgment or Receipt of Materials Transporter 1 Printed/Typed Name: Brian P. Banks Signature: <i>Brian P. Banks</i> Month: 12 Day: 05 Year: 08 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____							
18. Designation 18a. Designation of Facility: <input type="checkbox"/> Generator <input type="checkbox"/> Receiver <input type="checkbox"/> Both Receiver <input type="checkbox"/> Facility Receiver							
18b. Alternate Facility, or Generator U.S. EPA ID Number: _____							
18c. Facility Name Signature of Designated Facility, or Generator: _____ Month: _____ Day: _____ Year: _____							
19. Hazardous Waste Receipt/Management Method Codes (see codes for hazardous waste treatment, storage, and recycling systems) H132							
20. Designated Facility Owner or Operator Certification (check off if hazardous materials covered by the manifest except as noted in Item 15a) Printed/Typed Name: Corian Kustner for USEP Signature: <i>Corian Kustner</i> Month: 12 Day: 6 Year: 08							

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625381

Checkin Date: 12/06/2008 **Time:** 07:18

Checkout Date: 12/06/2008 **Time:** 08:02

100031842 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: PAD987347515

Truck #: 12-FRANK

Tractor #:

Trailer #:

Driver: FRANK KETCHUM

GROSS WEIGHT : 83,580.00 **LBs**

TARE WEIGHT : 32,940.00 **LBs**

NET WEIGHT : 50,640.00 **LBs**

08120625381

Manifest Tracking Number
100031842 WJW

UNIFORM HAZARDOUS WASTE MANIFEST
WAD059327049

1
800-535-5053

Generator Name and Address
Portac, Incorporated
4215 SR 509 N. Frontage Road
Tacoma, WA 98421
253-922-9900

Receiver Name and Address
Portac, Incorporated
4215 SR 509 N. Frontage Road
Tacoma, WA 98421

Transporter Name
US Bulk Transport Inc

U.S. EPA ID Number
PAD 987347515

Facility Name
US ECOLOGY IDAHO, INC.
20400 Lemley Road
Grand View, ID 83624
800-274-1516

U.S. EPA ID Number
IDD 073 114 65A

Regt	U.S. DOT Description (including proper shipping name, hazard class, ID number, and packing group, if any)	Quantity		U.S. DOT Label	U.S. DOT Placard	U.S. DOT Code
		Initial	Final			
1	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	I	DT	48	P	F032
2						
3						
4						

14. Special Handling Instructions and Other Information
WSID# 21321
For Emergency Procedures Consult DOT ERG: 171
In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I expect shipment and I am the Proper Exporter. I certify that the waste identification was performed in accordance with 49 CFR 172.27(a) and I am a large quantity generator or small quantity generator's sole

Generator's/Officer's Printed Name: Terry L Mathern
Signature: [Signature]
Month/Day/Year: 12/5/08

16. International Shipments
Transporter signature (for exports only): [Signature]
Date leaving U.S.: [Date]

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Frank Ketchum
Signature: [Signature]
Month/Day/Year: 12/5/08

18. Discrepancy
(a) Discrepancy Indicated by: Quantity Type Class/ID Packing Group Placard/Label

19. Designated Facility
Facility Name: [Blank]
Signature of Alternate Facility (if applicable): [Blank]
Month/Day/Year: [Blank]

20. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, storage, and recycling systems)
M130

21. Designated Facility Owner or Operator (Confirmation of receipt of hazardous materials as noted on this manifest except as noted in item 18)
Printed Name: Corian Mathern
Signature: [Signature]
Month/Day/Year: 12/6/08

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625382

Checkin Date: 12/06/2008 **Time:** 07:19

Checkout Date: 12/06/2008 **Time:** 07:56

100031843 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: PAD987347515

Truck #: 13-DOUGLAS

Tractor #:

Trailer #:

Driver: DOUGLAS RHUEBY

GROSS WEIGHT : 86,280.00 **LBs**

TARE WEIGHT : 32,720.00 **LBs**

NET WEIGHT : 53,560.00 **LBs**

CH 26-5382

10003184301

800-535-5053

WASHINGTON HAZARDOUS WASTE REGISTRATION

W 5 D 0 5 9 3 2 7 0 4 9

Portac, Incorporated
4215 SR 509 N. Frontage Road
Tacoma, WA 98421

Portac, Incorporated
4215 SR 509 N. Frontage Road
Tacoma, WA 98421

253-922-9900

US BULK Transport Inc

PAD 989347515

US ECOLOGY IDAHO, INC.
20400 Lemley Road
Grand View, ID 83624
300-274-1516

IDD 073 114 654

RO, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9,
UN3077, PG III

DT 55000 P F032

WSID # 21321

For Emergency Procedures Consult DOT ERG: 171

In case of emergency, call INFOTRAC: 800-535-5053

GENERATOR'S/OFFEROR'S CERTIFICATION. I hereby declare that the contents of this shipment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled in accordance with all applicable regulations for transport according to domestic, international and environmental regulations. I am the Primary Exhibitor. I certify that the contents of this movement conform to the terms of the attached EPA A-100 statement of consent.

Generator's/Officer's Printed Name

Terry L. Mathern

Signature

Terry L Mathern

Month Day Year
12 5 08

16 International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit

Date leaving U.S.

17 Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed Name

Douglas Rhenby

Signature

DR Rhenby

Month Day Year
12 5 08

Transporter 2 Printed Name

18 Discrepancy

18a Discrepancy, Indication Space

Quantity

Type

Pallets

Pallet Rejection

Full Rejection

18c Alternate Facility (for Generator)

Manifest Reference Number

U.S. EPA ID Number

Facility's Phone

18d Signature of Alternate Facility (for Generator)

Month Day Year

19 Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 4032

2

3

4

20 Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest, as noted in item 18c

Printed Name

James P. McCaffrey

Signature

James P. McCaffrey

Month Day Year
12 6 08

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625383

Checkin Date: 12/06/2008 **Time:** 07:21

Checkout Date: 12/06/2008 **Time:** 08:18

100031840 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 14-DENNIS

Tractor #:

Trailer #:

Driver: DENNIS LAHTINEN

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	93,480.00	LBs
TARE WEIGHT :	35,860.00	LBs
NET WEIGHT :	57,620.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120625383

5762D
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031840 CTN					
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421 253-922-9900				Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421						
6. Transporter 1 Company Name US Bulk Transport Inc		U.S. EPA ID Number PAD 987 347515								
7. Transporter 2 Company Name		U.S. EPA ID Number								
8. Designated Facility Name and Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility's Phone: 800-274-1516		U.S. EPA ID Number IDD 073 114 654								
GENERATOR	9a. HM	5. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes		
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III		1	DT	60000	P	F032		
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offeror's Printed/Typed Name Terry L. Mathern		Signature <i>Terry L. Mathern</i>			Month Day Year 12 5 08					
TRANSPORTER	16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jenni Raitanen		Signature <i>Jenni Raitanen</i>			Month Day Year 12 5 08					
Transporter 2 Printed/Typed Name		Signature			Month Day Year					
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility for Generator: _____ U.S. EPA ID Number: _____									
	18c. Signature of Alternate Facility for Generator: _____ Month Day Year: _____									
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems): 1. H132 2. 3. 4.									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a										
Printed/Typed Name Dawn P. Coyle		Signature <i>Dawn P. Coyle</i>			Month Day Year 12 6 08					

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625385

Checkin Date: 12/06/2008 **Time:** 07:47

Checkout Date: 12/06/2008 **Time:** 08:33

100031841 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 20-MILLER

Tractor #:

Trailer #:

Driver: GARY MILLER

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	78,220.00	LBs
TARE WEIGHT :	32,520.00	LBs
NET WEIGHT :	45,700.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08100625-385

45700
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WA D 0 5 9 3 2 7 0 4 9	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031841 CTN
----------------------------------	---	--------------------------	--	---

5. Generator's Name and Mailing Address
Portac, Incorporated
4215 SR 509 N. Frontage Road
Tacoma, WA 98421

Generator's Site Address (if different than mailing address)
Portac, Incorporated
4215 SR 509 N. Frontage Road
Tacoma, WA 98421

Generator's Phone: **253-922-9900**

6. Transporter 1 Company Name
U S BULK Transport Inc

U.S. EPA ID Number
PAD 987347515

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY IDAHO, INC.
20400 Lemley Road
Grand View, ID 83624

U.S. EPA ID Number
IDD 073 114 654

Facility's Phone: **800-274-1516**

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes	
		No	Type				
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	4150	P	P032	
2							
3							
4							

14. Special Handling Instructions and Additional Information
WSID # 21321
For Emergency Procedures Consult DOT ERG: 171
In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name: **Terry L. Matherly**

Signature: *Terry L. Matherly*

Month Day Year: **12 5 08**

16. International Shipments Import to U.S. Export from U.S.

Port of entry exit: _____

Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Material's

Transporter 1 Printed/Typed Name: **CARL MILLER**

Signature: *Carl Miller*

Month Day Year: **12 05 09**

Transporter 2 Printed/Typed Name: _____

Signature: _____

Month Day Year: _____

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility for Generator's

Manifest Reference Number: _____

U.S. EPA ID Number: _____

Facility's Phone: _____

18c. Signature of Alternate Facility for Generator's

Month Day Year: _____

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 **HL32** 2 _____ 3 _____ 4 _____

20. Designated Facility Owner or Operator: Certification of receipt of hazardous material's covered by the manifest except as noted in item 18a

Printed/Typed Name: **Jeanne McCarty**

Signature: *Jeanne McCarty*

Month Day Year: **12 16 08**

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625386

Checkin Date: 12/06/2008 **Time:** 07:57

Checkout Date: 12/06/2008 **Time:** 08:35

100031844 CTN

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: WAR000001263

Truck #: 23-TYLER

Tractor #:

Trailer #:

Driver: TYLER MCMONIGLE

GROSS WEIGHT : 103,340.00 **LBs**

TARE WEIGHT : 39,020.00 **LBs**

NET WEIGHT : 64,320.00 **LBs**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120625386

Form Approved. OMB No. 2050-0039

LA1320*

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number W A D 0 5 9 3 2 7 0 4 9	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031844 CTN
----------------------------------	--	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
Generator's Phone 253-922-9900	

6. Transporter 1 Company Name Steve Forler Trucking Inc	U.S. EPA ID Number WAR 000 081 263
---	--

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624	U.S. EPA ID Number IDD 073 114 654
Facility's Phone 800-274-1516	

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	67,000	P	F032	
2.							
3.							
4.							

14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name Terry L. Mather	Signature <i>Terry L. Mather</i>	Month 12	Day 5	Year 08
--	-------------------------------------	--------------------	-----------------	-------------------

16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry, exit Date leaving U.S.
--	--

17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Tyler McMonigh	Signature <i>Tyler McMonigh</i>	Month 12	Day 5	Year 08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy:
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection

18b. Alternate Facility or Generator	Manifest Reference Number	U.S. EPA ID Number
--------------------------------------	---------------------------	--------------------

Facility's Phone	18c. Signature of Alternate Facility (or Generator)	Month	Day	Year
------------------	---	-------	-----	------

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 H132	2	3	4
------------------	---	---	---

20. Designated Facility, Owner or Operator. Certification of receipt of hazardous materials covered by the manifest, except as noted in Item 18a				
Printed/Typed Name Jane W. Coffey	Signature <i>Jane W. Coffey</i>	Month 12	Day 6	Year 08

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625388

Checkin Date: 12/06/2008 **Time:** 08:22

Checkout Date: 12/06/2008 **Time:** 09:15

100031845 CTN

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 25-LYLE

Tractor #:

Trailer #:

Driver: LYLE PUCKET

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	103,740.00	LBs
TARE WEIGHT :	40,380.00	LBs
NET WEIGHT :	63,360.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120625 358

63300#
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number W A D 0 5 9 3 2 7 0 4 9	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031845 CTN
----------------------------------	--	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
Generator's Phone: 253-922-9900	

6. Transporter 1 Company Name Steve Forler Trucking Inc	U.S. EPA ID Number WAR 080 001 263
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624	U.S. EPA ID Number IDD 073 114 654
Facility's Phone: 800-274-1516	

9a HM	9b U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10 Containers		11 Total Quantity	12 U-til (U, Vol)	13 Waste Codes
		No	Type			
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	43,500	P	F032
2						
3						
4						

14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offlor's Printed/Typed Name Terry L. Matheron	Signature <i>Terry L. Matheron</i>	Month 12	Day 5	Year 08
---	---------------------------------------	--------------------	-----------------	-------------------

16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry exit _____
Transporter signature (for exports only)	Date leaving U.S. _____

17. Transporter Acknowledgment of Receipt of Materials	
Transporter 1 Printed/Typed Name LYLE RUCKETT	Signature <i>Lyle Rickett</i>
Transporter 2 Printed/Typed Name	Signature
	Month 12
	Day 05
	Year 08

18. Discrepancy	
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection	
18b. Alternate Facility (or Generator)	Manifest Reference Number
Facility's Phone	U.S. EPA ID Number

18c. Signature of Alternate Facility (or Generator)	Month 12
	Day 16
	Year 08

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)	
1 LA32 2 3 4	

20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 15a	
Printed/Typed Name Lanauak Wilson-LAUSEY	Signature <i>Lanauak Wilson</i>
	Month 12
	Day 16
	Year 08

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120625389

Checkin Date: 12/06/2008 **Time:** 08:23

Checkout Date: 12/06/2008 **Time:** 09:01

100031838 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 26-MAINORD

Tractor #:

Trailer #:

Driver: ROBERT MAINORD

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	77,400.00	LBs
TARE WEIGHT :	32,680.00	LBs
NET WEIGHT :	44,720.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120625-389

44720*
Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031838 CTN
----------------------------------	---	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421 253-922-9900	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
---	---

6. Transporter 1 Company Name US BULK Transport Inc	U.S. EPA ID Number PAD 987 347 515
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility's Phone: 800-274-1516	U.S. EPA ID Number IDD 073 114 654
--	--

9a HLI	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	14000	P	P032
2						
3						
4						

14. Special Handling Instructions and Additional Information
**WSID # 21321
For Emergency Procedures Consult DOT ERG: 171
In case of emergency, call INFOTRAC: 800-535-5053**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled, placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) if I am a large quantity generator or (b) if I am a small quantity generator is true.

Generator's/Offeror's Printed/Typed Name: **Terry L. Mathern** Signature: *Terry Mathern* Month: **12** Day: **5** Year: **08**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: **Robert Mairand** Signature: *Robert Mairand* Month: **12** Day: **15** Year: **08**
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

18. Discrepancy
18a. Discrepancy Indication: Quantity Type Residue Partial Rejection Full Rejection
Manifest Reference Number: _____

18b. Alternate Facility or Generator
Facility's Phone: _____ U.S. EPA ID Number: _____
18c. Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____

19. Hazardous Waste Report Management Method Codes (use codes for hazardous waste treatment, disposal, and recycling systems)
1 **A132** 2 _____ 3 _____ 4 _____

20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.
Printed/Typed Name: **Janet McCally** Signature: *Janet McCally* Month: **12** Day: **16** Year: **08**

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120825490

Checkin Date: 12/08/2008 **Time:** 11:20

Checkout Date: 12/08/2008 **Time:** 12:03

100031839 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 36-JESSE

Tractor #:

Trailer #:

Driver: JESSE DEGARMO

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT : 80,980.00 **LBs**

TARE WEIGHT : 35,120.00 **LBs**

NET WEIGHT : 45,860.00 **LBs**

45,840#

08120825490

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031839 CTN
----------------------------------	---	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
Generator's Phone: 253-922-9900	

6. Transporter 1 Company Name U.S. Bulk Transport Inc	U.S. EPA ID Number PAD 987 347 515
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624	U.S. EPA ID Number IDD 073 114 654
Facility's Phone: 800-274-1516	

9a H:1	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes		
		No.	Type					
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	4586	P	F032		
2								
3								
4								

14. Special Handling Instructions and Additional Information
WSID # 21321
For Emergency Procedures Consult DOT ERG: 171
In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name: **Terry L. Mathern** Signature: *Terry L. Mathern* Month: **12** Day: **5** Year: **08**

16. International Shipments Import to U.S. Export from U.S. Port of entry exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: **Jesse DeGarmo** Signature: *Jesse DeGarmo* Month: **12** Day: **5** Year: **08**

Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

18. Discrepancy
 18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____
 Facility's Phone: _____

18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____

19. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal, and recycling systems)
H132 2 _____ 3 _____

20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
 Printed/Typed Name: **Jane McCauley** Signature: *Jane McCauley* Month: **12** Day: **8** Year: **08**

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120925552

Checkin Date: 12/09/2008 **Time:** 07:00

Checkout Date: 12/09/2008 **Time:** 07:52

100031846 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 2-MAINORD

Tractor #:

Trailer #:

Driver: ROBERT MAINORD

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	76,340.00	LBs
TARE WEIGHT :	31,980.00	LBs
NET WEIGHT :	44,360.00	LBs

44,360^{TT}

08120925552

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031846 CTN
----------------------------------	---	-----------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421 253-922-9900	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
---	---

6. Transporter 1 Company Name US Bulk Transport Inc	U.S. EPA ID Number PAD 987347515
---	--

7. Transporter 2 Company Name	U.S. EPA ID Number
8. Designated Facility Name US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility's Phone: 800-274-1516	U.S. EPA ID Number IDD 073 114 654

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	44000	P	F032		
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 252.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name Terry L. Mathern	Signature <i>Terry L. Mathern</i>	Month Day Year 12 8 08
---	--------------------------------------	--------------------------------------

16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S.	Port of entry/exit: _____ Date leaving U.S.: _____
---	---

17. Transporter Acknowledgment of Receipt of Materials		
Transporter 1 Printed/Typed Name Robert Mainard	Signature <i>Robert Mainard</i>	Month Day Year 12 8 08
Transporter 2 Printed/Typed Name	Signature	Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection
Manifest Reference Number: _____

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone: _____	
18c. Signature of Alternate Facility (or Generator)	Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1 H132 2 _____ 3 _____ 4 _____

20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		
Printed/Typed Name Brenda Johnson for USEI	Signature <i>Brenda Johnson</i>	Month Day Year 12 9 08

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120925553

Checkin Date: 12/09/2008 **Time:** 07:02

Checkout Date: 12/09/2008 **Time:** 07:39

100031850 CTN

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: WAR000001263

Truck #: 4-TYLER

Tractor #:

Trailer #:

Driver: TYLER MCMONIGLE

GROSS WEIGHT : 102,280.00 **LBs**

TARE WEIGHT : 39,200.00 **LBs**

NET WEIGHT : 63,080.00 **LBs**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120925553 63080

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031850 CTN
----------------------------------	---	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
Generator's Phone: 253-922-9900	

6. Transporter 1 Company Name Steve Forler Trucking Inc	U.S. EPA ID Number WAR 000 001263
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name US ECOLOGY DATA, INC. 20400 Lemley Road Grand View, ID 83624	U.S. EPA ID Number IDD 073 114 654
Facility's Phone: 800-274-1516	

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11 Total Quantity	12 Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	67,000	P	F032		
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name Terry L. Mathern	Signature <i>Terry L. Mathern</i>	Month 12	Day 8	Year 08
---	--------------------------------------	--------------------	-----------------	-------------------

16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S.	Port of entry/exit	Date leaving U.S.
---	--------------------	-------------------

17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Tyler McMonigle	Signature <i>Tyler McMonigle</i>	Month 12	Day 8	Year 08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Weight ok per Beau Sanders via telecom 12/8/08
Manifest Reference Number

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone	
18c. Signature of Alternate Facility (or Generator)	Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1 H32	2	3	4

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				
Printed/Typed Name Jeanne Keefe	Signature <i>Jeanne Keefe</i>	Month 12	Day 9	Year 08

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120925558

Checkin Date: 12/09/2008 **Time:** 07:22

Checkout Date: 12/09/2008 **Time:** 08:00

100031849 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 10-DENNIS

Tractor #:

Trailer #:

Driver: DENNIS LAHTINEN

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	96,940.00	LBs
TARE WEIGHT :	35,940.00	LBs
NET WEIGHT :	61,000.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120925558

61000
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031849 CTN		
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421		Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421		Generator's Phone: 253-922-9900			
6. Transporter 1 Company Name US BULK Transport Inc				U.S. EPA ID Number PAD 987347515			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624		Facility's Phone: 800-274-1316		U.S. EPA ID Number IDD 073 114 654			
9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III		10. Containers No. 1 Type DT		11 Total Quantity 6000	12 Unit Wt/Vol P	13. Waste Codes F032
2							
3							
4							
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Terry L. Mathern				Signature <i>Terry L. Mathern</i>		Month Day Year 12 8 08	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry: it _____ Date leaving U.S. _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Dennis Lahtinen				Signature <i>Dennis Lahtinen</i>		Month Day Year 12 8 08	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator)				Manifest Reference Number		U.S. EPA ID Number	
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1 H32		2		3		4	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jeanne Coyle				Signature <i>Jeanne Coyle</i>		Month Day Year 12 8 08	

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120925559

Checkin Date: 12/09/2008 **Time:** 07:23

Checkout Date: 12/09/2008 **Time:** 07:55

100031848 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

EPA ID: PAD987347515

Truck #: 12-DOUGLAS

Tractor #:

Trailer #:

Driver: DOUGLAS RHEUBY

GROSS WEIGHT :	87,500.00	LBs
TARE WEIGHT :	32,760.00	LBs
NET WEIGHT :	54,740.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08120925559

54740

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031848 CTN		
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421 253-922-9900		Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421					
6. Transporter 1 Company Name US BULK Transport Inc		U.S. EPA ID Number PAD 987347 515					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designator US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624 Facility's Phone: 800-274-1516		U.S. EPA ID Number IDD 073 114 654					
GENERATOR	9a. H.M.	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	55000	P	F032
	2						
	3						
	4						
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Terry L. Mathern		Signature <i>Terry L. Mathern</i>		Month Day Year 12 18 08			
16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Douglas Rheuby		Signature <i>Douglas Rheuby</i>		Month Day Year 12 18 08			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Spec: <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Brenda Johnson for USEI		Signature <i>Brenda Johnson</i>		Month Day Year 11 29 08			

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08120925560

Checkin Date: 12/09/2008 **Time:** 07:23

Checkout Date: 12/09/2008 **Time:** 07:54

100031847 CTN

Transporter:

US BULK TRANSPORT, INC.
550 GLESSNER AVENUE
FINDLAY, OH

EPA ID: PAD987347515

Truck #: 11-FRANK

Tractor #:

Trailer #:

Driver: FRANK KETCHUM

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	79,600.00	LBs
TARE WEIGHT :	32,960.00	LBs
NET WEIGHT :	46,640.00	LBs

466408

081209255100

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031847 CTN				
5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421		Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421		Generator's Phone: 253-922-9900					
6. Transporter 1 Company Name US BULK TRANSPORT INC		U.S. EPA ID Number PAD 987347515		7. Transporter 2 Company Name					
8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624		Facility's Phone: 800-274-1316		U.S. EPA ID Number IDD 073 114 654					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III		No. 1	Type DT	49000	P	F032	
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information WSID # 21321 For Emergency Procedures Consult DOT ERG: 171 In case of emergency, call INFOTRAC: 800-535-5053									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name: Terry L Mathern Signature: <i>Terry L Mathern</i> Month: 12 Day: 8 Year: 08									
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name: Frank Ketchum Signature: <i>Frank Ketchum</i> Month: 12 Day: 8 Year: 08									
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____									
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____									
18c. Signature of Alternate Facility (or Generator) Facility's Phone: _____ Month: _____ Day: _____ Year: _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1 H132 2 _____ 3 _____ 4 _____									
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name: Corian Kastner Signature: <i>Corian Kastner</i> Month: 12 Day: 8 Year: 08									

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 08121025648

Checkin Date: 12/10/2008 **Time:** 07:07

Checkout Date: 12/10/2008 **Time:** 07:29

100031851 CTN

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 6-MARK

Tractor #:

Trailer #:

Driver: MARK SCOTT

Customer

NUPRECON
35131 SE CENTER STREET
SNOQUALMIE, WA

GROSS WEIGHT :	75,200.00	LBs
TARE WEIGHT :	38,740.00	LBs
NET WEIGHT :	36,460.00	LBs

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

08121025648 36460 ^{RE}

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD059327049	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 100031851 CTN
----------------------------------	---	--------------------------	--	---

5. Generator's Name and Mailing Address Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421	Generator's Site Address (if different than mailing address) Portac, Incorporated 4215 SR 509 N. Frontage Road Tacoma, WA 98421
Generator's Phone: 253-922-9900	

6. Transporter 1 Company Name Steve Forler Trucking	U.S. EPA ID Number WAAR000 001 263
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 20400 Lemley Road Grand View, ID 83624	U.S. EPA ID Number IDD 073 114 654
Facility's Phone: 800-274-1516	

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	RQ, Hazardous Waste, Solid, N.O.S., (pentachlorophenol), Class 9, UN3077, PG III	1	DT	40,000	P	F032		

14. Special Handling Instructions and Additional Information
**WSID # 21321
For Emergency Procedures Consult DOT ERG: 171
In case of emergency, call INFOTRAC: 800-535-5053**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or: (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name: **Terry L. Mathern** Signature: *Terry Mathern* Month: **12** Day: **9** Year: **08**

16. International Shipments Import to U.S. Export from U.S. Port of entry exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: **Mark Scott** Signature: *Mark Scott* Month: **12** Day: **9** Year: **08**
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____

18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 **H132** 2 _____ 3 _____ 4 _____

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: **Jana M. McCarty** Signature: *Jana M. McCarty* Month: **12** Day: **10** Year: **08**

CERTIFICATE OF DISPOSAL

December 15,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031851 CTN/ was received by U.S. Ecology, Inc., on 12/10/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/10/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08121025648-100031851 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 12,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031847 CTN/ was received by U.S. Ecology, Inc., on 12/09/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/09/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120925560-100031847 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 12,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031848 CTN/ was received by U.S. Ecology, Inc., on 12/09/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/09/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120925559-100031848 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 12,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031849 CTN/ was received by U.S. Ecology, Inc., on 12/09/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/09/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120925558-100031849 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 12,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031850 CTN/ was received by U.S. Ecology, Inc., on 12/09/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/09/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120925553-100031850 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 12,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031846 CTN/ was received by U.S. Ecology, Inc., on 12/09/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/09/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120925552-100031846 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031839 CTN/ was received by U.S. Ecology, Inc., on 12/08/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/08/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120825490-100031839 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031838 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625389-100031838 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031845 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625388-100031845 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031844 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625386-100031844 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031841 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625385-100031841 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031840 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625383-100031840 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031843 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625382-100031843 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031842 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625381-100031842 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 10,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031837 CTN/ was received by U.S. Ecology, Inc., on 12/06/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/06/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120625380-100031837 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number **100031823 CTN/** was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425157-100031823 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031832 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425147-100031832 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031827 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425145-100031827 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031826 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425143-100031826 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031828 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425142-100031828 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031829 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425141-100031829 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031831 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425138-100031831 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031833 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425137-100031833 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031830 CTN/ was received by U.S. Ecology, Inc., on 12/04/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/04/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120425134-100031830 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 08,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031822 CTN/ was received by U.S. Ecology, Inc., on 12/03/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 12/03/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08120325019-100031822 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 02,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031899 CTN/ was received by U.S. Ecology, Inc., on 11/26/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 11/26/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08112624709-100031899 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 02,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031896 CTN/ was received by U.S. Ecology, Inc., on 11/26/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 11/26/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08112624706-100031896 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

CERTIFICATE OF DISPOSAL

December 02,2008

PORTAC, INCORPORATED
4215 SR 509 NORTH FRONTAGE ROAD
TACOMA, WA 98421

This is to certify that waste as defined on Uniform Hazardous Waste Manifest number 100031897 CTN/ was received by U.S. Ecology, Inc., on 11/26/2008 .The waste(s) were subsequently treated, if required by 40 CFR Part 268 and U.S. Ecology's permits and disposed of by 11/26/2008 in accordance with permits and laws regulating this facility.

Reference Number: 08112624705-100031897 CTN-1-1

Material: 1 DUMP TRUCK

Process: Direct Landfill

Facility: U.S. ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Type: RCRA HAZARDOUS WASTE

Customer: NUPRECON

Printed Name: DONNA PULLEN

Signature: *Donna Pullen*

Title: RECEIVING SUPERVISOR

***Dip Tank Groundwater Management
Truck Tickets***

This Shipping Order

Must be legibly filled in, in Ink indelible Pencil, or in Carbon, and retained by the agent

Shipper No. **00389**

MARINE VACUUM SERVICE INC.

Carrier No.

Date **9-19-08**

Page of

(Name of carrier)

(SCAC)

On Collect on Delivery shipments, the latest C.O.D. number must be indicated on the bill of lading as provided in Item 430, Sec. 1.

TO: **MARINE VACUUM SERVICE INC.**
 Consignee
 Street **1516 S. GRAHAM ST.**
 City **SEATTLE** State **WA** Zip Code **98108**

FROM: **NUPRECON**
 Shipper
 Street **4215 SR 509**
 City **TACOMA** State **WA**, Zip Code
800-540-7491
 24 hr. Emergency Contact Tel. No.

Route _____ Vehicle Number _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class; Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
		WASTEWATER				
		NON-REGULATED	350	gallon		
EMERGENCY RESPONSE TELEPHONE NUMBER CHEMTREC 1-800-424-9300						

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NIMC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport, according to applicable international and national governmental regulations.

REMIT C.O.D. TO: ADDRESS _____
COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

Signature _____ (Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agree to carry to its usual place of delivery at said destination; if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER PER **[Signature]** CARRIER **MARINE VACUUM SERVICE INC.**
 PER **[Signature]** DATE **9-19-08**

This Shipping Order

Must be legibly filled in, in Ink Indelible Pencil, or in Carbon, and retained by the agent

Shipper No. 00312

MARINE VACUUM SERVICE INC.

Carrier No. _____

Page _____ of _____

(Name of carrier)

(SCAC)

Date 9-22-08

On Collect on Delivery shipments, the shipper C.O.D. number or other identification number provided in Item 430, Sec. 1.

TO: **MARINE VACUUM SERVICE INC.**
 Consignee
 Street 1516 S. GRAHAM ST.
 City SEATTLE State WA Zip Code 98108

FROM: Shipper NUFREGON
 Street 4215 Hwy. #509
 City TACOMA State WA Zip Code _____
 24 hr. Emergency Contact Tel. No. 800-540-7491

Route _____ Vehicle Number _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
		<u>WASTEWATER</u>				
		<u>NON-RECYCLED</u>	<u>1400</u>	<u>gallons</u>		
EMERGENCY RESPONSE TELEPHONE NUMBER -						
<u>CHEMTREC 1-800-424-9300</u>						

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
 Signature _____

REMIT C.O.D. TO: ADDRESS
COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
 (Signature of Consignor)
 C.O.D. FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER _____ CARRIER **MARINE VACUUM SERVICE INC.**
 PER [Signature] PER [Signature] **2**
 DATE 9-22-08

This Shipping Order

Must be legibly filled in, in Ink Indelible Pen, on non-Carbon, and retained by the agent

Shopper No. 00420

MARINE VACUUM SERVICE INC.

Carrier No.

Page of

(Name of carrier)

(SCAC)

Date 9-24-08

On 23rd of Delivery shipping agent's return C.O.D. must appear before consignee's receipt provided in Item 430, Sec. 1.

TO: MARINE VACUUM SERVICE INC.

Consignee

Street 1516 S. GRAHAM ST.

City SEATTLE WA Zip Code 98108

FROM: Shipper NADRECON Corp.

Street 4215 HYUN 509

City TACOMA WA, Zip Code

800-540-7491

24 hr. Emergency Contact Tel. No.

Routes

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Packing Group Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1TT		Non-Regulated Liquid Substrate off-spec. oil	750			
		non-Regulated sludge	50			
EMERGENCY RESPONSE TELEPHONE NUMBER						
CHEMTREC 1-800-424-9300						

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: [The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____]

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 380, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled, placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: \$

C.O.D. FEE: PREPAID COLLECT

TOTAL CHARGES \$

FREIGHT CHARGES

FREIGHT PREPAID Check box if charges except when box at right is checked are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each cargo of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER PER + Joe Fuchs / JOE FUCHS

CARRIER MARINE VACUUM SERVICE INC. PER [Signature] DATE 9-24-08

2

Permanent post-office address of shipper.



PRINTED ON RECYCLED PAPER WITH 50% SOY INK

STYLE CF365-4 © 2003 LABELMASTER® (800) 621-5808 www.labelmaster.com

This Shipping Order

Must be legibly filled in, in Ink indelible Pencil, or in Carbon, and retained by the agent

Shipper No. 00477

MARINE VACUUM SERVICE INC.

Carrier No.

Page of

(Name of carrier)

(SCAC)

Date 10-3-08

On Collect on Delivery (C.O.D.) the bill of lading must be presented to the consignee before delivery unless otherwise provided in Item 430, Sec. 1.

TO: MARINE VACUUM SERVICE INC.
Consignee
Street 1513 S. GRAHAM ST.
City SEATTLE WA Zip Code 98108

FROM: NUPRECON CORP.
Shipper
Street Corner of Alexander & 509
City TACOMA WA Zip Code
24 hr. Emergency Contact Tel. No. 800-540-7491

Route

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group or Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT		Non-Regulated Liquid Waste water	750	gallons		
		Non-Regulated sludge	50	gallons		
		28-80-0362 ED				
EMERGENCY RESPONSE TELEPHONE NUMBER						
CHEMTREC 1-800-424-9000						

PLACARDS TENDERED: YES NO

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Signature X ED

REMIT C.O.D. TO: ADDRESS

COD Amt: \$

C.O.D. FEE: PREPAID COLLECT \$

Subject to Section 7 of the conditions, if the shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$
FREIGHT CHARGES PREPAID Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (containers and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER PER [Signature]

CARRIER MARINE VACUUM SERVICE INC.
PER [Signature] 2
DATE 10-3-08

Permanent post-office address of shipper.



***Hydraulic Equipment Area Waste Soil
Waste Disposal Authorization and
Truck Tickets***

No. 1278



Tacoma | Pierce County

Health Department

Healthier. Safer. Smarter.

WASTE DISPOSAL AUTHORIZATION

(XX) Non-Asbestos (XX) New
() Asbestos (PSCAA Case #) () Renewal

- A. Generator Name: PORTAC, Inc.
B. Generator Address: 4215 SR 509, Tacoma, WA
C. Transporter Names: Contract Hauler
D. Technical Contact: Daniel Whitman, Whitman Environmental Services Phone: (206)523-3505
E. Waste Description: Petroleum Contaminated Soil from Mill Building (Hydraulic Fluid)
F. Approved Quantity: 300 Tons Authorized (Estimated Volume of 150 CY)
G. Actual Quantity (Filled in upon disposal):
H. Multiple Loads: (XX) Yes () No
I. Dates of Disposal: November 4, 2008 through December 31, 2008
J. Testing: NWTPH- Dx, TCLP Metals (RCRA-8), PCB's
K. Reviewed by Department of Ecology: () Yes (XX) No
L. Disposal/Transportation Requirements: Soils demonstrating excessive odors are not suitable for use as daily cover...
M. Disposal Facility: (XX) LRI Landfill (304th Street LF), 30919 Meridian Street

CERTIFICATION

I hereby certify that I have personally examined and am familiar with the information submitted in this document and any supporting material. Based on my inquiry of those individuals immediately responsible for obtaining the information, the information submitted is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. I agree that the generator and/or transporter will abide by all conditions specified in line (L) or any attachments thereto.

Env. Consultant
11-16-08
[Signature]

Date

Title

Signature

AUTHORIZED BY:

[Signature]

Andy Comstock, PFC110, (253) 798-6538

Cc: Jim Crandall, Olivier Allen-Moi, LRI
LRI Landfill scalehouse . fax (253) 875-7205

APPROVED

NOV 05 2008

TACOMA-PIERCE COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH DIV.

Tacoma-Pierce County Health Department
Source Protection Programs/Waste Management MS:015
3629 South D St, Tacoma, WA 98418-6813
(253) 798-6047

TRHD -> (Rtn Fax # 253 798-6498)

DUPLICATE TICKET

PCRCO, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001316 NUPRECON

35131 SE CENTER ST
SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051191		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/11/08	11/11/08	13:58	14:26
REFERENCE		ORIGIN	
RANDY		OTHER	

Inbound - Charge ticket

Scale 1 Gross Wt. 112280 LB
Scale 2 Tare Wt. 42260 LB
Net Weight 70020 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.01	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
NOTES HARLOW TRK 28

NET AMOUNT
TENDERED
CHECK NO.

PCPCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051105		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/11/08	11/11/08	11:27	12:02
REFERENCE		ORIGIN	
RANDY		OTHER	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
		Scale 1 Gross Wt.				
		Scale 2 Tare Wt.				
		Net Weight				
29.77	TON	83 SOIL DISPOSAL-OC				
Inbound - Charge ticket						

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 28

NET AMOUNT
TENDERED
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051029		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/11/08	11/11/08	09:15	09:43
REFERENCE		ORIGIN	
RANDY		OTHER	

Inbound - Charge ticket

Scale 1 Gross Wt. 115660 LB
 Scale 2 Tare Wt. 42420 LB
 Net Weight 73240 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.62	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 28

NET AMOUNT
TENDERED
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051085		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/11/08	11/11/08	10:48	11:04
REFERENCE			ORIGIN
RJ			OTHER

Scale 1 Gross Wt. 95800 LB
 Scale 2 Tare Wt. 42180 LB
 Net Weight 53620 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.81	TON	B3 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 32

NET AMOUNT
TENDERED
CHECKING

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051147		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/11/08	11/11/08	12:50	13:13
REFERENCE			ORIGIN
RJ			OTHER

Scale 1 Gross Wt. 113520 LB Inbound - Charge ticket
 Scale 2 Tare Wt. 42520 LB
 Net Weight 71000 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.50	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 32

NET AMOUNT
TENDERED
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051223		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/11/08	11/11/08	14:59	15:33
REFERENCE		ORIGIN	
RJ		OTHER	

Scale 1 Gross Wt. 111660 LB
 Scale 2 Tare Wt. 41940 LB
 Net Weight 69720 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.86	TON	B3 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 32

NET AMOUNT
TENDERED
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON

35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051448		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/12/08	11/12/08	14:09	14:19
			VEHICLE
			NUP20
REFERENCE		ORIGIN	
DON		OTHER	

Scale 1 Gross Wt. 94580 LB
 Scale 2 Tare Wt. 40780 LB
 Net Weight 53800 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.90	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW TRK 20

NET AMOUNT
TENDERED
CHANGE
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON

35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051391		Dana
	DATE IN	DATE OUT	TIME IN
	11/12/08	11/12/08	12:18
			12:28
			NUP26
			VEHICLE
			ROLL OFF
REFERENCE			
ORIGIN			
STEVE OTHER			

Inbound - Charge ticket

Scale 1 Gross Wt. 99200 LB
 Scale 2 Tare Wt. 42180 LB
 Net Weight 57020 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.51	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW TRK 28

NET AMOUNT
TENDERED
CHANGE
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

WEIGHMASTER

SITE	TICKET	GRID	WEIGHMASTER		
39	051329		Dana		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/12/08	11/12/08	10:18	10:28	NUP26	
REFERENCE			ORIGIN		
STEVE			OTHER		

Inbound - Charge ticket

Scale 1 Gross Wt. 109140 LB
 Scale 2 Tare Wt. 42380 LB
 Net Weight 66760 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.38	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 26

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON

35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051390		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/12/08	11/12/08	12:11	12:20
REFERENCE		ORIGIN	
DON		OTHER	

Scale 1 Gross Wt. 99980 LB Inbound - Charge ticket
 Scale 2 Tare Wt. 40760 LB
 Net Weight 59220 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.61	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW TRK 20

NET AMOUNT
TENDERED
CHANGE
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051326		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/12/08	11/12/08	10:14	10:24
REFERENCE			ORIGIN
DON			OTHER

Inbound - Charge ticket

Scale 1 Gross Wt. 107300 LB
 Scale 2 Tare Wt. 41000 LB
 Net Weight 66300 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.15	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 20

NET AMOUNT
TENDERED
CHANGE
CHECK NO

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON

35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER			
39	051258		Dana			
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF	
11/12/08	11/12/08	08:09	08:27	NUP20		
REFERENCE						
ORIGIN						
DON			OTHER			

Scale 1 Gross Wt. 104720 LB Inbound - Charge ticket

Manual Tare Wt. 41080 LB

Net Weight 63640 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.82	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 20

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051264		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/12/08	11/12/08	08:15	08:52
REFERENCE			ORIGIN
RANDY			OTHER
DATE IN			DATE OUT
11/12/08			11/12/08
TIME IN			TIME OUT
08:15			08:52
VEHICLE			VEHICLE
NUP28			NUP28
ROLL OFF			ROLL OFF

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.55	TON	83 SOIL DISPOSAL-OC				
		Scale 1 Gross Wt.				
	LB	111520				
		Scale 2 Tare Wt.				
	LB	42420				
		Net Weight				
	LB	69100				
Inbound - Charge ticket						

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1265
 NOTES HARLOW TRK 28

NET AMOUNT
TENDERED
CHANGE
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON

35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051343		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/12/08	11/12/08	10:43	11:32
REFERENCE		ORIGIN	
RANDY		OTHER	

Inbound - Charge ticket

Scale 1 Gross Wt. 107560 LB
 Scale 2 Tare Wt. 42660 LB
 Net Weight 64900 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.45	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW TRK 28

NET AMOUNT
TENDERED
CHANGE
CHECKNO

PCPCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051596		Robin
DATE IN	DATE OUT	TIME IN	TIME OUT
11/13/08	11/13/08	10:17	10:29
REFERENCE		ORIGIN	
DON		OTHER	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
		Scale 1 Gross Wt.	107540			
		Scale 2 Tare Wt.	40980			
		Net Weight	66560			
33.28	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW 20

NET AMOUNT
TENDERED
CHANGE
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	051525		Robin
DATE IN	DATE OUT	TIME IN	TIME OUT
11/13/08	11/13/08	08:21	08:31
REFERENCE		ORIGIN	
DON		OTHER	

Scale 1 Gross Wt. 105140 LB
 Scale 2 Tare Wt. 41020 LB
 Net Weight 64120 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.06	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW20

NET AMOUNT
TENDERED
CHECK NO.

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER		
39	052211		Dana		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/18/08	11/18/08	08:09	08:45	NUP22	
REFERENCE		ORIGIN			
JIM		OTHER			

Scale 1 Gross Wt. 121900 LB
 Scale 2 Tare Wt. 41820 LB
 Net Weight 80080 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.04	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278A
 NOTES HARLOW TRK 22

NET AMOUNT
TENDERED
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
89	052283		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/18/08	11/18/08	10:44	11:14
			VEHICLE
			NUP22
REFERENCE		ORIGIN	
JIM		OTHER	

Inbound - Charge ticket

Scale 1 Gross Wt.	107640	LB
Scale 2 Tare Wt.	41660	LB
Net Weight	65980	LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.99	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278A
 NOTES HARLOW TRK 22

NET AMOUNT
TENDERED
CHANGE
CHECK NO

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER		
39	052284		Dana		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/18/08	11/18/08	10:45	11:15	NUP21	
REFERENCE		ORIGIN			
JARED		OTHER			

Inbound - Charge ticket

Scale 1 Gross Wt. 102920 LB
 Scale 2 Tare Wt. 42200 LB
 Net Weight 60720 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.36	TON	B3 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278A
 NOTES HARLOW TRK 21

(Handwritten mark)

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER
39	052212		Dana
DATE IN	DATE OUT	TIME IN	TIME OUT
11/18/08	11/18/08	08:10	08:46
REFERENCE			ORIGIN
JARED			OTHER

Inbound - Charge ticket

Scale 1 Gross Wt. 112900 LB
 Scale 2 Tare Wt. 42300 LB
 Net Weight 70600 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.30	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278A
 NOTES HARLOW TRK 21

NET AMOUNT
TENDERED
CHANGE
CHECK NO

SITE	TICKET	GRID		WEIGHMASTER	
39	051464				
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/12/08	11/12/08	14:20	14:28	NUP26	
REFERENCE			ORIGIN		
STEVIE			OTHER		

****DUPLICATE TICKET****
 PCRCD, LLC dba LRI-304th ST
 17925 Meridian St E
 Puyallup, WA 98375

EIS

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

Scale 1 Gross Wt.	100120	LB	Inbound - Charge ticket		
Scale 2 Tare Wt.	42140	LB			
Net Weight	57980	LB			

QTY.	Net Weight UNW	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.99	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW TRK 26

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW611 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

****DUPLICATE TICKET****
 PCRCD, LLC dba LRI-304th ST
 17925 Meridian St E
 Puyallup, WA 98375

SITE	TICKET	GRIU		WEIGHMASTER	
39	052135				
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/08	11/17/08	12:54	13:21		
REFERENCE			ORIGIN		
RJ			OTHER		

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98085

Scale 1 Gross Wt. 108920 LB
 Scale 2 Tare Wt. 41980 LB
 Net Weight ~~66940~~ LB
 Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.47	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278
 NOTES HARLOW 32

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

***** NO DELETED CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

****DUPLICATE TICKET****
 PCRCO, LLC dba LRI-304th ST
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID		WEIGHMASTER	
39	052622				
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/19/08	11/19/08	14:25	14:54	NUP1	
REFERENCE			ORIGIN		
JIMBO			OTHER		

Scale 1 Gross Wt.	100000	LB	Inbound - Charge ticket
Scale 2 Tare Wt.	41680	LB	
Net Weight	58320	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.16	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1278A
 NOTES HARLOW 29

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGT1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

***Hydraulic Equipment Area
Groundwater Management
Truck Tickets***

MARINE VACUUM SERVICE
PO Box 24263
Seattle, WA 98124

Invoice

Invoice Number:
38592

RECEIVED

NOV 19 2008

Invoice Date:
Nov 17, 2008

Voice: 206.762.0240

Fax: 206.763 **NUPRECON LP**

Page:
1

Bill To: NUPRECON LP
 35131 SE CENTER ST
 SNOQUALMIE, WA 98065

PUMP
 HWY 509 & ALEXANDER, TACOMA
 111408

Customer ID	Customer PO	Payment Terms	SIC
NUPRECON	PORTECK	Net 30 Days	4953

Description	Quantity	Unit Price	Extension
***** PUMP AS DIRECTED 11/14/08			
VACUUM TRUCK & DRIVER STRAIGHT TIME	5.50 HR	89.00	489.50
WASTE WATER	10,000.00 EA.	0.20	2,000.00
SLUDGE	75.00 GL	2.00	150.00
FUEL SURCHARGE	0.13 *	489.50	63.64

28-80-0362

80-90000-002

PO# 034116

Alsa -

Exceeds FEQ

* OK to pay?

* Need PETE aprvl.

Invoice Due: Dec 17, 2008

Subtotal	2,703.14
Sales Tax	232.47
Total Invoice Amount	\$2,935.61

Overdue invoices are subject to finance charges.

This Memorandum

Is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. **01430**

Page _____ of _____

MARINE VACUUM SERVICE INC.

Carrier No. _____

(Name of carrier)

(SCAC)

Date _____

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO: **MARINE VACUUM SERVICE INC.**

FROM: Shipper

Street

City

24 hr. Emergency Contact Tel. No. **800-540-7491**

Street **1516 S. GRAHAM ST.**

City **SEATTLE** State **WA**

Zip Code **98108**

State _____ Zip Code _____

Route _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
177		<i>New Reg Fuel Tank</i>	<i>25</i>	<i>gallons</i>		
		<i>28-80-0362</i>				
		<i>80-90000-002</i>				
		<i>PO # 0 34116</i>				
		EMERGENCY RESPONSE TELEPHONE NUMBER				
		CHEMTREC 1-800-424-9300				

Vehicle Number

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 380, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature _____

REMIT C.O.D. TO: ADDRESS
COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID CHECK BOX IF CHARGES ARE TO BE COLLECT

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of containers of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to be

on and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and his assigns.

SHIPPER _____
 PER _____
 CARRIER **MARINE VACUUM SERVICE INC.**
 PER _____
 DATE _____

4

Permanent post-office address of shipper.



THIS memorandum

is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. **01221**

Page of

MARINE VACUUM SERVICE INC.

Carrier No.

(Name of carrier)

(SCAC)

Date **11-14-08**

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in item 430, Sec. 1.

TO: Consignee **MARINE VACUUM SERVICE INC.**
 Street **1516 S. GRAHAM ST.**
 City **SEATTLE** State **WA** Zip Code **98108**

FROM: Shipper **NUPRECON**
 Street **HYW 509 + ALEXANDER**
 City **TACOMA** State **WA** Zip Code

24 hr. Emergency Contact Tel. No. **800-540-7491**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1TT		Non-Regulated Liquid Waste water and spec. oil	500	gallons		
		Non-Regulated sludge	50	gallons		
		28-80-0362				
		80-90000-002				
		PO 034116				
		ED				
EMERGENCY RESPONSE TELEPHONE NUMBER						
CHEM SERVICES 1-800-421-8800						

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The value of the property is hereby specifically stated by the shipper to be not exceeding \$."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport conforming to applicable international and national governmental regulations.

REMIT C.O.D. TO: ADDRESS

COD

Amt: \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT

TOTAL CHARGES \$

FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collected except when box is checked

Signature

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier, if any, of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER

Signature of Shipper

CARRIER **MARINE VACUUM SERVICE INC.**

PER **[Signature]**

DATE **11-11-08**

4

Permanent post-office address of shipper:



PRINTED ON RECYCLED PAPER USING SOY INK



***Planer Spray Booth Area Waste Soil Disposal
Waste Disposal Authorization and
Truck Tickets***



Tacoma | Pierce County
Health Department
Healthier. Safer. Smarter.

RECEIVED
DEC 04 2008
Tacoma-Pierce County
Health Dept.

No. 1286

WASTE DISPOSAL AUTHORIZATION

(XX) Non-Asbestos (XX) New
() Asbestos (PSCAA Case # _____) () Renewal

- A. Generator Name: **PORTAC, Inc. / Port of Tacoma**
- B. Generator Address: 4215 SR 509, Tacoma, WA
- C. Transporter Names: Contract Hauler
- D. Technical Contact: Daniel Whitman, Whitman Environmental Sciences Phone: (206)523-3505
- E. Waste Description: Pentachlorophenol (PCP) Contaminated Soil (Penta spray booth at mill)
() Sludge (XX) Solid (XX) Contaminated Soil () Other
- F. Approved Quantity: 200 Tons Authorized (Estimated Volume at 75-100 cubic yards)
- G. Actual Quantity (Filled in upon disposal): _____
- H. Multiple Loads: (XX) Yes () No
- I. Dates of Disposal: December 3, 2008 through January 31, 2009
- J. Testing: NWTPH- Dx, Total Metals (RCRA-8), Semi-Volatiles
- K. Reviewed by Department of Ecology: () Yes (XX) No
- L. Disposal/Transportation Requirements: Soils are authorized for direct disposal only. Load sizes shall comply with conditional-use and solid waste permit criteria. If soils are dry and a potential for windblown dust exists, loads shall be covered. Wastes may have no free liquids (waste must pass the paint filter test). Generator shall add bulking agents to waste if needed, to absorb free liquids.
- M. Disposal Facility: (XX) **LRI Landfill (304th Street LF), 30919 Meridian Street**

Tacoma Pierce County
Health Department
12/4/2008 1:45:21 PM
Clerk S-T2
Waste Disposal Authorization
Receipt #125078

CERTIFICATION

I hereby certify that I have personally examined and am familiar with the information submitted in this document and any supporting material. Based on my inquiry of those individuals immediately responsible for obtaining the information, the information submitted is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. I agree that the generator and/or transporter will abide by all conditions specified in line (L) or any attachments thereto.

12-4-08 Contractor [Signature]
Date Title Signature

AUTHORIZED BY:

[Signature]
Andy Comstock, TP/HD, (253) 798-6538

Cc: Jim Crandall, Olivier Allen-Moi, LRI
LRI Landfill scalehouse , fax (253) 875-7205

Signature
APPROVED
DEC 03 2008
TACOMA-PIERCE COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH DIV
For Official Use Only

No. 1286



Tacoma | Pierce County

Health Department

Healthier. Safer. Smarter.

RECEIVED
DEC 04 2008
Tacoma-Pierce County
Health Dept.

WASTE DISPOSAL AUTHORIZATION

(XX) Non-Asbestos (XX) New
() Asbestos (PSCAA Case # _____) () Renewal

- A. Generator Name: PORTAC, Inc. / Port of Tacoma
- B. Generator Address: 4215 SR 509, Tacoma, WA
- C. Transporter Names: Contract Hauler
- D. Technical Contact: Daniel Whitman, Whitman Environmental Sciences Phone: (206)523-3505
- E. Waste Description: Pentachlorophenol (PCP) Contaminated Soil (Penta spray booth at mill)
() Sludge (XX) Solid (XX) Contaminated Soil () Other
- F. Approved Quantity: 200 Tons Authorized (Estimated Volume at 75-100 cubic yards)
- G. Actual Quantity (Filled in upon disposal): _____
- H. Multiple Loads: (XX) Yes () No
- I. Dates of Disposal: December 3, 2008 through January 31, 2009
- J. Testing: NWTPH- Dx, Total Metals (RCRA-8), Semi-Volatiles
- K. Reviewed by Department of Ecology: () Yes (XX) No
- L. Disposal/Transportation Requirements: Soils are authorized for direct disposal only. Load sizes shall comply with conditional-use and solid waste permit criteria. If soils are dry and a potential for windblown dust exists, loads shall be covered. Wastes may have no free liquids (waste must pass the paint filter test). Generator shall add bulking agents to waste if needed, to absorb free liquids.
- M. Disposal Facility: (XX) LRI Landfill (304th Street LF), 30919 Meridian Street

Tacoma-Pierce County
Health Department
12/4/2008 1:45:21 PM
Clark SPT
Waste Disposal authorization
Receipt #125098

CERTIFICATION

I hereby certify that I have personally examined and am familiar with the information submitted in this document and any supporting material. Based on my inquiry of those individuals immediately responsible for obtaining the information, the information submitted is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. I agree that the generator and/or transporter will abide by all conditions specified in line (L) or any attachments thereto.

12-4-08 Constance _____
Date Title Signature

AUTHORIZED BY:

Andy Comstock

Andy Comstock, TPCHD, (253) 798-6538

Cc: Jim Crandall, Olivier Allen-Moi, LRI
LRI Landfill scalehouse, fax (253) 875-7205



PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE		TICKET		GRID		WEIGHMASTER	
39		054612				Robin	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF		
12/08/08	12/08/08	10:05	10:42				
REFERENCE				ORIGIN			
RJ				OTHER			

Manual Gross Wt. 101460 LB
 Scale 2 Tare Wt. 42480 LB
 Net Weight 58980 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEES	TOTAL
29.49	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1286
 NOTES HARLOW 32

NET AMOUNT

202.TS TO REORDER CONTACT NORTH STAR FORMS, LLC (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE		TICKET		GRID		WEIGHMASTER	
39		054671				Robin	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF		
12/08/08	12/08/08	12:46	13:17				
REFERENCE				ORIGIN			
RJ				OTHER			

Scale 1 Gross Wt. 115360 LB
 Scale 2 Tare Wt. 42340 LB
 Net Weight 73020 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.51	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1286
 NOTES HARLOW 32

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316 NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER		
39	054613		Robin		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
12/08/08	12/08/08	10:05	10:45		
REFERENCE		ORIGIN			
RANDY		OTHER			

Manual Gross Wt. 96200 LB
 Scale 2 Tare Wt. 43360 LB
 Net Weight 52840 LB
 Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.42	TON	83 SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1286
 NOTES HARLOW28

NET AMOUNT
TENDERED
CHECK NO.

202.TS TO REORDER CONTACT NORTH STAR FORMS, LLC (877) 499-0492 SIGNATURE

PCRCO, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

001316. NUPRECON
 35131 SE CENTER ST
 SNOQUALMIE WA 98065

SITE	TICKET	GRID	WEIGHMASTER			
39	054672		Robin			
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF	
12/08/08	12/08/08	12:47	13:17			
REFERENCE			ORIGIN			
RANDY			OTHER			

Scale 1 Gross Wt.	114680	LB	Inbound - Charge ticket
Scale 2 Tare Wt.	43300	LB	
Net Weight	71380	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.69	TON	SOIL DISPOSAL-OC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1286
 NOTES HARLOW28

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

APPENDIX D

Soil Boring Logs and Monitoring Well Construction Diagrams


Project: Portac Inc. Planer Building 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: MW-5
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: 99.04	Reference: MW-4 = 100.00	

Sample Data					Lab		Soil Description	
No.	Type	Depth	Recovery	N	Sample			
1	SS	5.0	12"	4	NA	-	-	
		6.5						
2	SS	10.0	6"	6	NA	-	-	
		11.5						
3	SS	15.0	12"	10	NA	-	-	
		16.5						
							1	
							2	
							3	
							4	
							5	
							6	
							7	
							8	
							9	
							10	
							11	
							12	
							13	
							14	
							15	
							16	
							17	
							18	
							19	

Date Drilled: 10-11-2008	Water Level Data	Depth	Date/Time	
	First Encountered:	11'	10/11/08	
	Stabilized:	8.98' btop	12-3-08/1:10pm	


Project: Portac Inc. Sawmill Building 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: MW-6
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: --	Reference: MW-4 = 100.00	

Sample Data					Lab		Soil Description	
No.	Type	Depth	Recovery	N	Sample			
1	SS	5.0 6.5	18"	1	NA	-1 -2 -3 -4 -5 -6 -7 -8 -9	<p>Silty fine to coarse SAND with gravel, brown to greyish brown. Moist. FILL.</p> <p>Dark greyish brown clayey SILT with fine sand, very moist. Some layering of silty fine sand.</p> <p>5'</p>	
2	SS	10.0 11.5	18"	1	NA	-10 -11 -12 -13 -14	<p>Dark greyish brown silty fine SAND, interlayered with zones of silt. Moist to wet. Natural tide flats deposits.</p>	
3	SS	15.0 16.5	12"	3	NA	-15 -16 -17 -18 -19	<p>Installed 2" PVC monitoring well with 10 ft long screen section, surrounded by #10-20 silica sand filter material. Bentonite seal and steel monument installed at ground surface.</p> <p>15'</p> <p>End of Boring at 16.5 Feet Below Ground Surface.</p> <p>MONITORING WELL DESTROYED BY EXCAVATION ON 11-6-08</p>	

Date Drilled: 10-11-2008	Water Level Data	Depth	Date/Time	
	First Encountered:	10'	10/11/08	
	Stabilized:			


Project: Portac Inc. Dip Tank Area 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: MW-2R
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: --	Reference: MW-4 = 100.00	

Sample Data					Lab Sample		Soil Description	
No.	Type	Depth	Recovery	N				
1	SS	2.5	3"	17	NA		Crushed concrete fill with silty fine to coarse sand and gravel. Brown to greyish brown. Moist. FILL.	
2	SS	4.0	0	10	NA		Coarse rounded gravel in cuttings (excavation backfill), no recovery during sampling.	
3	SS	5.0	0	14	NA		Driller notes smoother drill action at 8.5'.	
4	3" SS	6.5	12"	15	PCP/ Dioxins		Dark greyish brown clayey fine SAND, very moist to wet. No odor or discoloration.	
5	3" SS	7.5	18"	9	NA			
6	SS	9.0	18"	7	NA			
		10.0						
		11.5						
		12.0						
		13.5						
		15.0						
		16.5						
							End of Boring at 16.5 Feet Below Ground Surface.	
							Installed 2" PVC monitoring well with 10 ft. long screen section, surrounded by #10-20 silica sand filter material. Bentonite seal and steel monument installed at ground surface.	

Date Drilled: 4-22-2009	Water Level Data	Depth	Date/Time	
	First Encountered:	10'	4/22/09	
	Stabilized:			


Project: Portac Inc. Sawmill Building 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: MW-6R
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: --	Reference: MW-4 = 100.00	

Sample Data					Lab Sample		Soil Description	
No.	Type	Depth	Recovery	N				
1	SS	2.5	6"	18	Lead, Arsenic		Crushed concrete fill with silty fine to coarse sand and gravel. Greyish brown. Moist. FILL.	
2	SS	4.0	3"	5	NA		Dark black to greyish brown clayey fine SAND, with organics, very moist. Some layering of SILT. No odor or discoloration.	
3	SS	5.0	8"	4	NA			
4	SS	6.5	12"	6	Penta chloro phenol			
5	SS	7.5	18"	16	NA		Dark greyish brown medium SAND, trace silt, inter-layered with zones of silt. Possible dredge spoils. Moist to wet.	
6	SS	9.0	12"	23	NA		Installed 2" PVC monitoring well with 9 ft. long screen section, surrounded by #10-20 silica sand filter material. Bentonite seal and steel monument installed at ground surface.	
		10.0						
		11.5						
		12.0						
		13.5						
		15.0						
		16.5						
							End of Boring at 16.5 Feet Below Ground Surface.	

Date Drilled: 4-22-2009	Water Level Data	Depth	Date/Time	
	First Encountered:	10'	4/22/09	
	Stabilized:			


Project: Portac Inc. Machine Shop 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: SH-1
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: --	Reference: MW-4 = 100.00	

Sample Data					Lab Sample		Soil Description	
No.	Type	Depth	Recovery	N				
1	3" SS	2.5 4.0	12"	34	Lead, Arsenic TPH-G VOCs TPH-D	4" Asphalt Surface	-1	Crushed gravel base layer with silty fine to coarse sand. Greyish brown. Moist. FILL.
						-2		
						-3	Grey to greyish brown silty fine SAND, interlayered with thin silty sand zones, moist. No odor or discoloration. Possible FILL.	
						-4		
2	3" SS	5.0 6.5	3"	13	NA	-5	Grey clayey SILT, moist to wet. No odor or discoloration. Possible dredge spoils FILL.	
						-6	Black clayey organic SILT with root fibers, moist to wet, slight organic musty odor. Possible buried topsoil layer.	
						-7		
3	3" SS	7.5 9.0	8"	22	NA	-8	Grey to greyish brown silty fine SAND and inter-layered SILT, wet. No odor or discoloration. Most likely native tideflats sediment.	
						-9	End of Boring at 9 Feet Below Ground Surface.	
						-10		
						-11		
						-12		
						-13		
						-14		
						-15	Backfilled boring with bentonite chips, concrete plug at ground surface.	
						-16		
						-17		
						-18		
						-19		

Date Drilled: 4-22-2009	Water Level Data	Depth	Date/Time	
	First Encountered:	9'	4/22/09	
	Stabilized:			


Project: Portac Inc. Machine Shop 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: SH-2
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: --	Reference: MW-4 = 100.00	

Sample Data					Lab		Soil Description		
No.	Type	Depth	Recovery	N	Sample				
1	3" SS	2.5 4.0	18"	25	NA	1	Crushed concrete layer with silty fine to coarse sand. Greyish brown. Moist. FILL.		
2	3" SS	5.0 6.5	18"	21	NA	2	Brown fine to medium SAND, trace silt (Individual sand grains clearly visible). Moist. No odor or discoloration. Possible dredge spoils FILL.		
3	3" SS	7.5 9.0	12"	13	TPH-G VOCs TPH-D	3	Dark grey SILT with silty fine SAND layers, root fibers. Moist to wet, no odor or discoloration.		
							4	End of Boring at 9 Feet Below Ground Surface.	
							5		
							6		
							7		
							8		
							9		
							10		
							11		
							12		
							13		
							14		
							15	Backfilled boring with bentonite chips, concrete plug at ground surface.	
							16		
							17		
							18		
							19		

Date Drilled: 4-22-2009	Water Level Data	Depth	Date/Time	
	First Encountered:	9'	4/22/09	
	Stabilized:			


Project: Portac Inc. Fueling Area 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: FA-1
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: --	Reference: MW-4 = 100.00	

Sample Data					Soil Description	
No.	Type	Depth	Recovery	N	Lab Sample	
1	3" SS	2.5	18"	22	TPH-G BTEX TPH-D	-1 Crushed concrete layer with silty fine to coarse sand. Greyish brown. Moist. FILL.
		4.0				-2
2	3" SS	5.0	15"	7	NA	-4
		6.5				-5
3	3" SS	7.5	18"	12	NA	-7
		9.0				-8
						-9 End of Boring at 9 Feet Below Ground Surface.
						-10
						-11
						-12
						-13
						-14
						-15 Backfilled boring with bentonite chips, concrete plug at ground surface.
						-16
						-17
						-18
						-19

Date Drilled: 4-22-2009	Water Level Data	Depth	Date/Time	
	First Encountered:	8'	4/22/09	
	Stabilized:			

Project: Portac Inc. Fueling Area 4215 N. Frontage Rd., SR 509 Tacoma, WA 98424	Client: Portac Inc.		Boring: FA-2
	Driller: Holocene Drilling	Method: Hollow-Stem Auger	Project No. WES-1400
	Elevation: --	Reference: MW-4 = 100.00	

Sample Data					Lab Sample		Soil Description		
No.	Type	Depth	Recovery	N					
1	3" SS	2.5	18"	20	NA	-1	Crushed concrete layer with silty fine to coarse sand. Greyish brown. Moist. FILL.		
		4.0				-2	-3		Dark grey to greyish brown SILT, with organics, moist. Some layering of fine silty SAND. No odor or discoloration.
2	3" SS	5.0	15"	19	NA	-4			
		6.5				-5	-6		Dark grey SILT, with fine sand, moist to wet. No odor or discoloration.
3	3" SS	7.5	18"	12	TPH-G BTEX TPH-D	-7			
		9.0				-8	-9		Wet at 7.5' - 9' sample.
							-9	End of Boring at 9 Feet Below Ground Surface.	
							-10		
							-11		
							-12		
							-13		
							-14		
							-15	Backfilled boring with bentonite chips, and concrete plug at ground surface.	
							-16		
							-17		
							-18		
							-19		

Date Drilled: 4-22-2009	Water Level Data	Depth	Date/Time	
	First Encountered:	8'	4/22/09	
	Stabilized:			

APPENDIX E

***Washington Department of Ecology
Workbook Tools for Calculating Soil and Groundwater Cleanup Levels
under the Model Toxics Control Act Regulation (MTCATPH 11.1)***

Calculation Summary for Site Specific Petroleum Mixture

A1 Soil Cleanup Levels: Worksheet for Soil Data Entry: Refer to WAC 173-340-720, 740,745, 747, 750

1. Enter Site Information

Date: 12/04/08

Site Name: Portac Inc., Tacoma Mill Hydraulics Area Soil Cleanup

Sample Name: Base - 25S/55W-4'

2. Enter Soil Concentration Measured

Chemical of Concern or Equivalent Carbon Group	Measured Soil Conc dry basis mg/kg	Composition Ratio %
<u>Petroleum EC Fraction</u>		
AL_EC >5-6	1	0.00%
AL_EC >6-8	1	0.00%
AL_EC >8-10	14	0.05%
AL_EC >10-12	7.2	0.03%
AL_EC >12-16	29	0.10%
AL_EC >16-21	510	1.82%
AL_EC >21-34	21000	74.82%
AR_EC >8-10	8.5	0.03%
AR_EC >10-12	7.8	0.03%
AR_EC >12-16	10	0.04%
AR_EC >16-21	280	1.00%
AR_EC >21-34	6200	22.09%
Benzene		0.00%
Toluene		0.00%
Ethylbenzene		0.00%
Total Xylenes		0.00%
Naphthalene	0.15	0.00%
1-Methyl Naphthalene	0.05	0.00%
2-Methyl Naphthalene	0.14	0.00%
n-Hexane		0.00%
MTBE		0.00%
Ethylene Dibromide (EDB)		0.00%
1,2 Dichloroethane (EDC)		0.00%
Benzo(a)anthracene	0.05	0.00%
Benzo(b)fluoranthene	0.05	0.00%
Benzo(k)fluoranthene	0.05	0.00%
Benzo(a)pyrene	0.05	0.00%
Chrysene	0.05	0.00%
Dibenz(a,h)anthracene	0.05	0.00%
Indeno(1,2,3-cd)pyrene	0.05	0.00%
Sum	28069.19	100.00%

Notes for Data Entry

Set Default Hydrogeology

Clear All Soil Concentration Data Entry Cells

Restore All Soil Concentration Data cleared previously

REMARK:

Sample of in-situ soil in the area where hydraulic equipment was operated in the northeastern corner of the mill building. This soil has since been excavated, but this worksheet allows calculation of an acceptable cleanup level for any remaining residual soils.

Benzo(a)pyrene or other cPAHs were not detected. Workbook uses one half of the sample reporting limit for calculation.

3. Enter Site-Specific Hydrogeological Data

Total soil porosity:	0.42	Unitless
Volumetric water content:	0.3	Unitless
Volumetric air content:	0.12	Unitless
Soil bulk density measured:	1.5	kg/L
Fraction Organic Carbon:	0.003	Unitless
Dilution Factor:	20	Unitless

4. Target TPH Ground Water Concentration (if adjusted)

If you adjusted the target TPH ground water concentration, enter adjusted value here: ug/L

A2 Soil Cleanup Levels: Calculation and Summary of Results. Refer to WAC 173-340-720, 740, 745, 747, 750

Site Information

Date: 12/4/2008

Site Name: Portac Inc., Tacoma Mill Hydraulics Area Soil Cleanup

Sample Name: Base - 25S/55W-4'

Measured Soil TPH Concentration, mg/kg: **28,069.190**

1. Summary of Calculation Results

Exposure Pathway	Method/Goal	Protective Soil TPH Conc, mg/kg	With Measured Soil Conc		Does Measured Soil Conc Pass or Fail?
			RISK @	HI @	
Protection of Soil Direct Contact: Human Health	Method B	8,803	7.28E-07	3.19E+00	Fail
	Method C	105,842	1.81E-07	2.65E-01	Pass
Protection of Method B Ground Water Quality (Leaching)	Potable GW: Human Health Protection	100% NAPL	3.15E-11	1.11E-02	Pass
	Target TPH GW Conc. @ 500 ug/L	100% NAPL	NA	NA	Pass

Warning! Check to determine if a simplified or site-specific Terrestrial Ecological Evaluation may be required (Refer to WAC 173-340-7490 through ~7494).

Warning! Check Residual Saturation (WAC340-747(10)).

2. Results for Protection of Soil Direct Contact Pathway: Human Health

	Method B: Unrestricted Land Use	Method C: Industrial Land Use
Protective Soil Concentration, TPH mg/kg	8,802.89	105,842.02
Most Stringent Criterion	HI = 1	HI = 1

Soil Criteria	Protective Soil Concentration @Method B				Protective Soil Concentration @Method C			
	Most Stringent?	TPH Conc, mg/kg	RISK @	HI @	Most Stringent?	TPH Conc, mg/kg	RISK @	HI @
HI = 1	YES	8.80E+03	2.28E-07	1.00E+00	YES	1.06E+05	6.82E-07	1.00E+00
Total Risk = 1E-5	NO	3.85E+05	1.00E-05	4.38E+01	NO	1.55E+06	1.00E-05	1.47E+01
Risk of Benzene = 1E-6	NA	NA	NA	NA	NA			
Risk of cPAHs mixture = 1E-6	NO	3.85E+04	1.00E-06	4.38E+00				
EDB	NA	NA	NA	NA				
EDC	NA	NA	NA	NA				

3. Results for Protection of Ground Water Quality (Leaching Pathway)

3.1. Protection of Potable Ground Water Quality (Method B): Human Health Protection

Most Stringent Criterion	NA
Protective Ground Water Concentration, ug/L	NA
Protective Soil Concentration, mg/kg	Soil-to-Ground Water is not a critical pathway!

Ground Water Criteria	Protective Potable Ground Water Concentration @Method B				Protective Soil Conc, mg/kg
	Most Stringent?	TPH Conc, ug/L	RISK @	HI @	
HI=1	YES	4.84E+00	3.15E-11	1.13E-02	100% NAPL
Total Risk = 1E-5	YES	4.84E+00	3.15E-11	1.13E-02	100% NAPL
Total Risk = 1E-6	YES	4.84E+00	3.15E-11	1.13E-02	100% NAPL
Risk of cPAHs mixture = 1E-5	YES	4.84E+00	3.15E-11	1.13E-02	100% NAPL
Benzene MCL = 5 ug/L	NA	NA	NA	NA	NA
MTBE = 20 ug/L	NA	NA	NA	NA	NA

Note: 100% NAPL is 69000 mg/kg TPH.

3.2. Protection of Ground Water Quality for TPH Ground Water Concentration previously adjusted and entered

Ground Water Criteria	Protective Ground Water Concentration			Protective Soil Conc, mg/kg
	TPH Conc, ug/L	Risk @	HI @	
Target TPH GW Conc = 500 ug/L	4.84E+00	3.15E-11	1.13E-02	100% NAPL