



CLEANUP ACTION REPORT

Future Potala Tower Seattle Site
2116 4th Avenue
Seattle, Washington

REPORT

Submitted To: Mr. Joe Zlab, PE, SE
Potala Tower Seattle, LLC
PO Box 13261
Everett, WA 98206

Submitted By: Golder Associates Inc.
18300 NE Union Hill Road, Suite 200
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March 12, 2015

Project No. 13-01679.012

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Table of Contents

1.0	INTRODUCTION.....	1
1.1	Background.....	1
1.1.1	Environmental Investigations - 2008.....	1
1.1.2	Environmental Subsurface Investigation – October and November 2013.....	1
1.1.3	Environmental Subsurface Investigation – August 2014.....	2
2.0	REMEDIAL EXCAVATION.....	4
2.1	Excavation of Soil Containing Oil-Range Organics at GP-5.....	4
2.2	Excavation of Soil Containing PCE at GP-3.....	4
3.0	EXCAVATED SOIL HANDLING AND DISPOSAL.....	6
3.1	Soil Containing Oil-Range Organics at GP-5.....	6
3.2	Soil Containing PCE at GP-3.....	6
4.0	CLOSING.....	7
5.0	REFERENCES.....	8

List of Tables

Table 1	Analytical Results for Soil Samples from August 2014 Investigation
Table 2	Analytical Results for Soil Samples at GP-5 Area (mg/kg)
Table 3	Analytical Results for Soil Samples at GP-3 Area (mg/kg)

List of Figures

Figure 1	Sample Location Plan
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List of Appendices

Appendix A	Laboratory Reports
Appendix B	Soil Disposal Documentation



1.0 INTRODUCTION

At the request of Potala Tower Seattle, LLC (Potala Tower), Golder Associates Inc. (Golder) has prepared this Cleanup Action Report for the property located at 2116 4th Avenue, Seattle, Washington (the Subject Property). The purpose of the Cleanup Action Report is to summarize and document the environmental investigations and cleanup at the Subject Property as part of site redevelopment.

1.1 Background

The Subject Property is located approximately mid-block on the northwestern side of 4th Avenue between Blanchard Street and Lenora Street. The Subject Property was developed with one single-story 12,900 square foot brick building constructed in 1924. The building was demolished and removed from the site in September 2013. Dean Transmissions, Inc. was the last occupant and had operated an automotive repair business on the premises. The building had been used primarily for automotive service since its construction in 1924. Other historic land use included a printing shop, sheet metal works, a glass and upholstery business, and a restaurant.

1.1.1 *Environmental Investigations - 2008*

In 2008, HAL Real Estate investment, Inc. (HAL) retained Golder to complete a preliminary geotechnical study and a limited environmental screening at the Subject Property. The preliminary geotechnical study included four geotechnical borings. Three borings were relatively shallow (less than 25 feet), and one relatively deep boring extended to an approximate depth of 70 feet. One of the shallow borings was completed as a groundwater monitoring well. The results of the limited environmental screening were summarized in a Golder report (Golder 2008) to HAL. The soil sample results of this prior investigation indicated that petroleum products were not detected and only trace concentrations of a few volatile organic compounds (VOCs) were detected, but at less than MTCA cleanup levels. Based on the 2008 limited environmental screening, Golder concluded that the site was not significantly impacted by hazardous materials.

1.1.2 *Environmental Subsurface Investigation – October and November 2013*

In October and November 2013, Golder conducted an environmental field investigation concurrently with a geotechnical investigation (Golder 2014a). The investigation included the drilling of two geotechnical soil borings. One soil boring (B-101) was located on the sidewalk of 4th Avenue (near the midpoint of the edge Subject Property along the 4th Avenue side) and the other boring (B-102) located in the alley, within a few feet of the northeastern corner of the Subject Property. The boring locations were within the City of Seattle right-of-way, and several feet outside of the Subject Property boundary.



Golder (2014a) collected environmental soil samples from selected depths (5, 10, 15, and 20 foot below ground surface [bgs]) from each of the two soil borings for a total of eight soil samples. The soil samples were analyzed as follows.

- VOCs using EPA Method 8260C (soil samples collected and preserved using EPA Method 5035)
- Gasoline-range organics (GRO) using Method NWTPH-Gx (soil samples collected and preserved using EPA Method 5035)
- Diesel and oil-range organics (DRO and ORO) using Method NWTPH-Dx

GRO, DRO, or ORO were not detected in the eight soil samples. The only VOCs detected were acetone and carbon disulfide; both detected at very low concentrations near the laboratory practical quantitation limit (PQL).

1.1.3 Environmental Subsurface Investigation – August 2014

In August 2014, Golder conducted an additional environmental field investigation inside of the previously existing Dean Transmissions building (Golder 2014b). The investigation included the advancement of six direct push probes (GP-1 through GP-6) inside the building at the locations shown in Figure 1. The probes were advanced to a maximum depth of 5 feet bgs, which was the level of the concrete floor inside the building. Two soil samples from each probe were retained for laboratory analysis; one sample from just below the floor slab and the second sample from 5 feet bgs (total of 12 soil samples). The soil samples were analyzed as follows.

- VOCs using EPA Method 8260C (soil samples collected and preserved using EPA Method 5035).
- GRO using Method NWTPH-Gx (soil samples collected and preserved using EPA Method 5035).
- DRO and ORO using Method NWTPH-Dx.
- One soil sample (GP-5-S) was analyzed for total Resource Conservation and Recovery Act (RCRA) Eight Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). The same sample was further analyzed for lead using the Toxicity Characteristic Leaching Procedure (TCLP) – EPA Method 1311.

Table 1 summarizes the analytical results from this investigation (Golder 2014b).

Petroleum hydrocarbons in the gasoline-range (GRO) were not detected in any of the soil samples. Petroleum hydrocarbons in the diesel and heavy oil-range (DRO and ORO) were detected in three of the 12 samples. Only one of those samples, sub-slab sample GP-5-S, exceeded the Model Toxics Control Act (MTCA) Method A cleanup level of 2,000 milligrams per kilogram (mg/kg) for ORO. Sample GP-5-S had an ORO concentration of 5,600 mg/kg. Sample GP-5-S was also analyzed for total metals concentration for the eight listed RCRA metals. Only total lead in sample GP-5-S exceeded the MTCA



Method A cleanup level of 250 mg/kg for lead. Sample GP-5-S had a total lead concentration of 600 mg/kg. ORO and lead were not detected in the deeper 5-foot depth sample collected at GP-5, indicating the ORO and lead impacts were limited to shallow depths at GP-5.

Sample GP-5-S was further analyzed for lead using the TCLP - EPA Method 1311. The TCLP lead concentration in sample GP-5-S was 0.26 milligrams per liter (mg/L). This TCLP lead concentration is less than 5.0 mg/L, which is the maximum lead concentration for the toxicity characteristic as set forth in the Washington State Dangerous Waste Regulations (Chapter 173-303 WAC). Therefore, the sample is not classified as a Dangerous Waste.

Detected VOCs were limited to acetone (two sub-slab samples, GP-4-S and GP-6-S) and tetrachloroethene (one sub-slab sample, GP-3-S). The results for acetone and tetrachloroethene (PCE) were all less than the respective MTCA Method A cleanup levels for these two compounds as shown in Table 1. The detections of these compounds were limited to shallow sub-slab samples. These compounds were not detected in the deeper 5-foot samples.



2.0 REMEDIAL EXCAVATION

During September 2014, the Subject Property building was demolished and the demolition debris removed from the site leaving bare soil. A concrete vault structure was left after demolition as shown on Figure 1. Future construction would include mass excavation for below ground parking.

The findings from Golder's August 2014 investigation (Golder 2014b) had identified some impacts to shallow soil at two areas. These areas were:

- The subslab soil at GP-5 that had concentrations of ORO exceeding MTCA Method A cleanup levels
- The subslab soil at GP-3 that had detectable concentrations of PCE

On October 3 and 8, 2014, these two areas were excavated and soil samples collected from the excavations. AMDO Construction under contract to Potala Tower Seattle, LLC provided the excavation services. The sample locations and the limits of the excavations are shown in Figure 1. Table 2 shows the sample analytical results for the GP-5 area where ORO was detected. Table 3 shows the sample analytical results for the GP-3 area where PCE was detected in shallow soil.

2.1 Excavation of Soil Containing Oil-Range Organics at GP-5

Initial excavation of the GP-5 area occurred on October 3, 2014 as shown on Figure 1. Golder collected five soil samples (SE-1 through SE-5) from the limits of the excavation and submitted those samples for laboratory analysis for DRO and ORO using Method NWTPH-Dx. Four of the five samples contained no detectable DRO or ORO and therefore had DRO and ORO concentrations less than MTCA Method A cleanup levels. Sample SE-5, a bottom sample collected at 3 feet bgs, had an ORO concentration of 7,200 mg/kg, which exceeded the MTCA Method A cleanup level of 2,000 mg/kg.

Additional excavation was conducted on October 8, 2014 at the sample SE-5 location as shown on Figure 1. The excavation was extended to a depth of 7 feet bgs and an additional bottom sample, SE-6, was collected at that depth. DRO and ORO concentrations in sample SE-6 were less than MTCA Method A cleanup levels.

2.2 Excavation of Soil Containing PCE at GP-3

Initial excavation of the GP-3 area occurred on October 3, 2014 as shown in Figure 1. Golder collected five soil samples (SS-1 through SS-5) from the limits of the excavation and submitted those samples for laboratory analysis for VOCs using EPA Method 8260C. Four of the five samples contained no detectable PCE or any other VOCs. Sample SS-4, a south sidewall sample collected at 3 feet bgs, had a trace PCE concentration of 0.0011 mg/kg and no other detectable VOCs. PCE is an F002-listed dangerous waste according to Washington State Dangerous Waste Regulations (Chapter 173-303 WAC).



Additional excavation extending to the south was conducted on October 8, 2014 at the sample SS-4 location as shown in Figure 1. The excavation was extended an additional approximately 4 feet to the south and a south sidewall sample SS-6 was collected. Sample SS-6 contained no detectable PCE or any other VOCs.



3.0 EXCAVATED SOIL HANDLING AND DISPOSAL

3.1 Soil Containing Oil-Range Organics at GP-5

AMDO Construction stockpiled the ORO impacted soil onsite on a layer of 6-mil poly and maintained a cover of 6-mil poly over the stockpiled soil until the soil could be transported offsite. The ORO impacted soil was profiled and accepted by Republic Services for landfilling at the Regional Disposal Facility in Klickitat County, Washington. Approximately 74.36 tons of ORO impacted soil was transported to the Regional Disposal Facility. All arrangements for soil disposal were made by Potala Tower Seattle, LLC. Appendix B includes the soil disposal documentation provided by Potala Tower Seattle, LLC.

3.2 Soil Containing PCE at GP-3

The excavated soil contained trace concentrations of PCE, an F002-listed dangerous waste according to Washington State Dangerous Waste Regulations (Chapter 173-303 WAC). Because of the potential dangerous waste designation, AMDO Construction placed the PCE impacted soil into poly-lined roll-off containers with lids. Potala Tower Seattle, LLC submitted a contained out request to the Washington State Department of Ecology (Ecology) so that the soil could be exempted from management as dangerous waste. Ecology approved the contained out determination in a letter dated October 29, 2014. Copies of the contained out documentation are included in Appendix B.

The PCE impacted soil was accepted by Waste Management for landfilling at their East Wenatchee Landfill. Approximately 30.04 tons of PCE impacted soils were transported to the East Wenatchee Landfill. All arrangements for soil disposal were made by Potala Tower Seattle, LLC. Appendix B includes the soil disposal documentation provided by Potala Tower Seattle, LLC.



4.0 CLOSING

Golder Associates Inc. appreciates the opportunity to provide our services to Potala Tower Seattle, LLC. If you have questions or require any additional information, please contact one of the undersigned at (425) 883-0777.

GOLDER ASSOCIATES INC.

A blue ink signature of Neil R. Gilham, consisting of a stylized 'N' and 'G' followed by a long horizontal stroke.

Neil R. Gilham, LG
Senior Environmental Geologist

NRG/JPM/ks

A blue ink signature of Jane P. Mills, written in a cursive style.

Jane P. Mills, CSP, CHMM
Principal and Senior Consultant



5.0 REFERENCES

- Golder Associates Inc. (Golder). 2008. Results of Limited Environmental Screening – 2116 4th Avenue, Seattle, WA. April 9.
- Golder. 2014a. Environmental Subsurface Investigation – Potala Tower Seattle Project. June 16.
- Golder. 2014b. Environmental Subsurface Investigation – Dean Transmissions Building. September 26.
- United States Environmental Protection Agency (EPA). Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA Publication SW-846. (For EPA test methods referenced in this report).
- Washington State Department of Ecology. 1997. Analytical Methods for Petroleum Hydrocarbons, Publication No. ECY 97-602. June 1997. (For NWTPH methods referenced in this report).
- Washington State Department of Ecology. 2003. Dangerous Waste Regulations - Chapter 173-303 WAC. April 2003.
- Washington State Department of Ecology. 2007. Model Toxics Control Act Cleanup Regulation - Chapter 173-340 WAC. November 2007.

TABLES

Table 1 - Analytical Results for Soil Samples from August 2014 Investigation (milligrams per kilogram)

Boring Number	Sample Number	Depth (feet)	Petroleum Hydrocarbons			Detected VOCs		Total Metals								
			GRO	DRO	ORO	Acetone	Tetrachloroethene	Arsenic	Barium	Cadmium	Chromium ³	Lead	Mercury	Selenium	Silver	
GP-1	GP-1-S	0.5 (subslab)	<5.6	<29	<57	<0.0049	<0.00099	NA	NA	NA	NA	NA	NA	NA	NA	NA
	GP-1-5	5	<7.1	<30	<60	<0.0055	<0.0011	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-2	GP-2-S	0.5 (subslab)	<6.0	<28	<56	<0.0052	<0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	GP-2-5	5	<7.1	<30	<60	<0.0057	<0.0011	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-3	GP-3-S	0.5 (subslab)	<6.8	<29	160	<0.0070	0.0021	NA	NA	NA	NA	NA	NA	NA	NA	NA
	GP-3-5	5	<6.2	<28	<57	<0.0068	<0.0014	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-4	GP-4-S	0.5 (subslab)	<5.9	<29	<58	0.034	<0.0012	NA	NA	NA	NA	NA	NA	NA	NA	NA
	GP-4-5	5	<7.9	<33	<66	<0.0081	<0.0016	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-5	GP-5-S	0.5 (subslab)	<8.4	390	5,600	<0.0061	<0.0012	<13	89	<0.64	57	600*	<0.32	<13	3.6	
	GP-5-5	5	<6.5	<30	<59	<0.0066	<0.0013	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-6	GP-6-S	0.5 (subslab)	<6.9	<30	<59	0.010	<0.0012	NA	NA	NA	NA	NA	NA	NA	NA	NA
	GP-6-5	5	<7.3	<30	79	<0.0067	<0.0013	NA	NA	NA	NA	NA	NA	NA	NA	NA
MTCA Method A Cleanup Level ¹			100	2,000	2,000	Not listed	0.05	20	Not listed	2	2000	250	2	Not listed	Not listed	
MTCA Method B Formula Value ²			No value	No value	No value	72,000	476	0.667	16,000	80	120,000	No value	No value	400	400	

Notes:

* Sample GP-5-S was also analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) - EPA Method 1311. The TCLP result was 0.26 milligrams per liter (mg/L) lead, less than the 5.0 mg/L maximum lead concentration for the toxicity characteristic

1 - Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340, Table 740-1 Method A Soil Cleanup Levels for Unrestricted Land Uses

2 - MTCA Method B Formula Value Cleanup Levels for Unrestricted Land Uses (<https://fortress.wa.gov/ecy/clarc/CLARCDATA/Tables.aspx>)

3 - Cleanup levels cited for Chromium (III)

GRO = Gasoline-range organics
 DRO = Diesel-range organics
 ORO = Heavy oil-range organics
 VOCs = Volatile organic compounds
 NA = Not analyzed



Table 2: Analytical Results for Soil Samples at GP-5 Area (milligrams per kilogram)

Sample Number	Date	Depth (feet)	Type		
				DRO	ORO
SE-1	3-Oct-14	4	Bottom	<26	<52
SE-2	3-Oct-14	3	Sidewall	<27	<54
SE-3	3-Oct-14	3	Sidewall	<31	<62
SE-4	3-Oct-14	3	Sidewall	<28	<55
SE-5	3-Oct-14	3	Bottom	<2,200	7,200
SE-6	8-Oct-14	7	Bottom (final)	<33	<66
MTCA Method A Cleanup Level ¹				2,000	2,000

Notes:

¹Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340, Table 740-1 Method A Soil Cleanup Levels for Unrestricted Land Uses

DRO = Diesel-range organics

ORO = Heavy oil-range organics



Table 3: Analytical Results for Soil Samples at GP-3 Area (milligrams per kilogram)

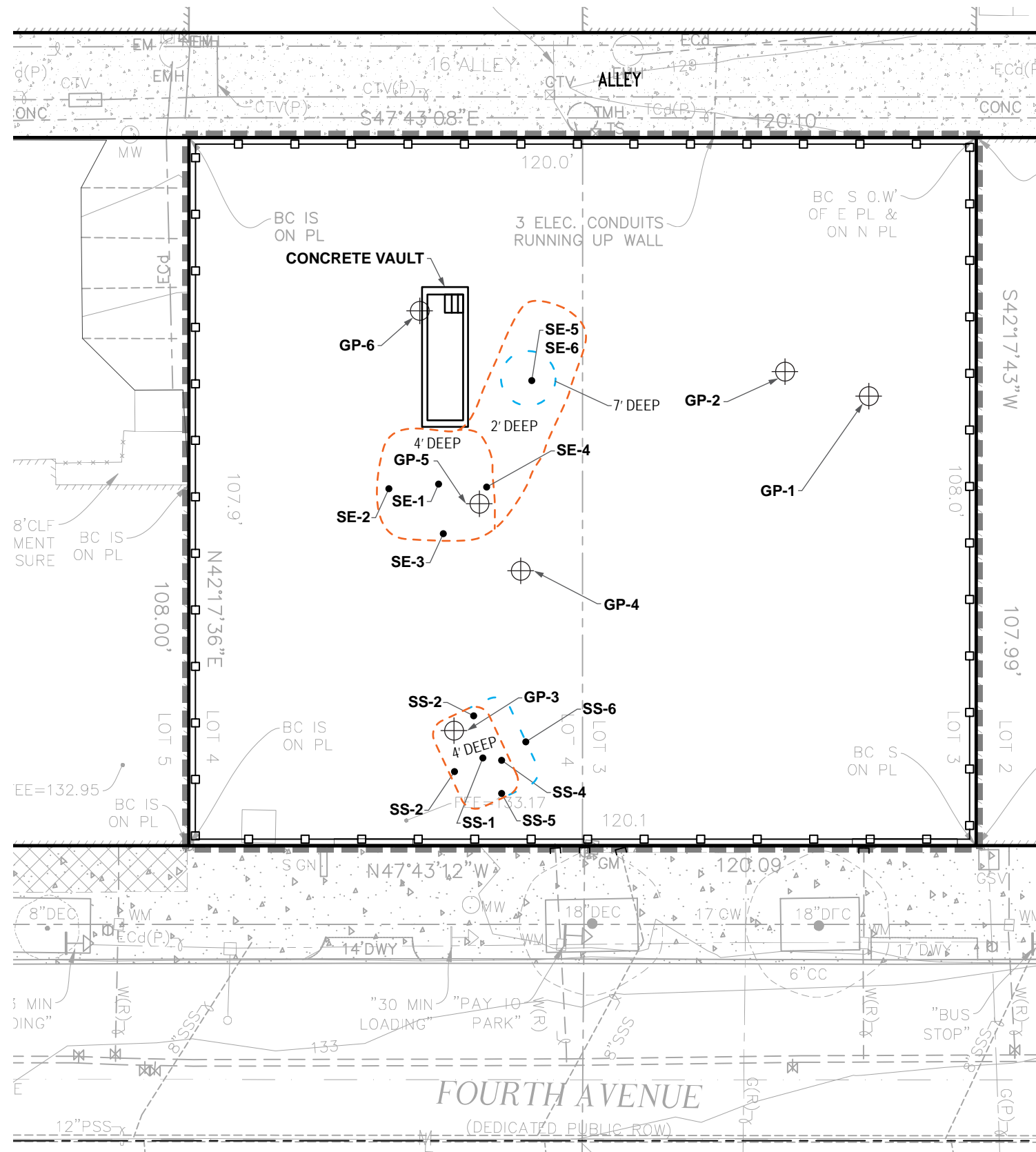
Sample Number	Date	Depth (feet)	Type	PCE
SS-1	3-Oct-14	4	Bottom	<0.0010
SS-2	3-Oct-14	2	Sidewall	<0.0010
SS-3	3-Oct-14	3	Sidewall	<0.0011
SS-4	3-Oct-14	3	Sidewall	0.0011
SS-5	3-Oct-14	3	Sidewall	<0.0012
SS-6	8-Oct-14	3.5	Sidewall (final)	<0.0010
MTCA Method A Cleanup Level ¹				0.05

Notes:

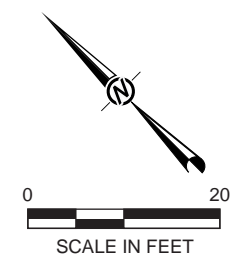
¹ Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340, Table 740-1 Method A Soil Cleanup Levels for Unrestricted Land Uses

PCE = Tetrachloroethene

FIGURE



- LEGEND**
- GP-1 BORING LOCATION AND NUMBER
 - SS-1 SOIL SAMPLE LOCATION
 - LIMIT OF EXCAVATION 10/03/14
 - LIMIT OF EXCAVATION 10/08/14



G:\PathAmerica\Seattle\09_PROJECTS\1301679_Env\Sub\01202_PRODUCTION\INDY\301679_012_001.mxd

CLIENT	PATH AMERICA	PROJECT	CLEANUP ACTION REPORT FUTURE POTOLA TOWER SEATTLE SITE
CONSULTANT	GOLDER ASSOCIATES	TITLE	SAMPLE LOCATION PLAN
	YYYY-MM-DD 2015-02-03	PROJECT No.	1301679
	PREPARED A.PARKIN	PHASE	012
	DESIGN		
	REVIEW		
	APPROVED		

**APPENDIX A
BORING LOGS**



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 6, 2014

Neil Gilham
Golder Associates Inc.
18300 NE Union Hill Road, Suite 200
Redmond, WA 98052-3333

Re: Analytical Data for Project 1301679
Laboratory Reference No. 1410-056

Dear Neil:

Enclosed are the analytical results and associated quality control data for samples submitted on October 3, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: October 6, 2014
Samples Submitted: October 3, 2014
Laboratory Reference: 1410-056
Project: 1301679

Case Narrative

Samples were collected on October 3, 2014 and received by the laboratory on October 3, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260C Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-1					
Laboratory ID:	10-056-01					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloromethane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromomethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloroethane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Acetone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Iodomethane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methylene Chloride	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Vinyl Acetate	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Butanone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloroform	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Benzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Toluene	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-1					
Laboratory ID:	10-056-01					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Hexanone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
m,p-Xylene	ND	0.0021	EPA 8260C	10-6-14	10-6-14	
o-Xylene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Styrene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromoform	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Hexachlorobutadiene	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Naphthalene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>73-124</i>				

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-2					
Laboratory ID:	10-056-02					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloromethane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromomethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloroethane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Acetone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Iodomethane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methylene Chloride	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Vinyl Acetate	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Butanone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloroform	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Benzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Toluene	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-2					
Laboratory ID:	10-056-02					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Hexanone	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
m,p-Xylene	ND	0.0021	EPA 8260C	10-6-14	10-6-14	
o-Xylene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Styrene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromoform	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Hexachlorobutadiene	ND	0.0052	EPA 8260C	10-6-14	10-6-14	
Naphthalene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>73-124</i>				

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-3					
Laboratory ID:	10-056-03					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Chloromethane	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Bromomethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Chloroethane	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Acetone	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Iodomethane	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Methylene Chloride	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Vinyl Acetate	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
2-Butanone	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Bromochloromethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Chloroform	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Benzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Trichloroethene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Dibromomethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
2-Chloroethyl Vinyl Ether	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Methyl Isobutyl Ketone	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Toluene	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-3					
Laboratory ID:	10-056-03					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
2-Hexanone	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Chlorobenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Ethylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
m,p-Xylene	ND	0.0023	EPA 8260C	10-6-14	10-6-14	
o-Xylene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Styrene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Bromoform	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Bromobenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
Hexachlorobutadiene	ND	0.0057	EPA 8260C	10-6-14	10-6-14	
Naphthalene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	10-6-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>73-124</i>				

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-4					
Laboratory ID:	10-056-04					
Dichlorodifluoromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chloromethane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Vinyl Chloride	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromomethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chloroethane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Trichlorofluoromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Acetone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Iodomethane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Carbon Disulfide	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Methylene Chloride	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Vinyl Acetate	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
2,2-Dichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Butanone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Bromochloromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chloroform	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Carbon Tetrachloride	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloropropene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Benzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Trichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Dibromomethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromodichloromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Toluene	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-4					
Laboratory ID:	10-056-04					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Tetrachloroethene	0.0011	0.00097	EPA 8260C	10-6-14	10-6-14	
1,3-Dichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Hexanone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Dibromochloromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Ethylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
m,p-Xylene	ND	0.0019	EPA 8260C	10-6-14	10-6-14	
o-Xylene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Styrene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromoform	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Isopropylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
n-Propylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Chlorotoluene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
4-Chlorotoluene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,3,5-Trimethylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
tert-Butylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trimethylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
sec-Butylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,3-Dichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
p-Isopropyltoluene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,4-Dichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
n-Butylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Naphthalene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>73-124</i>				

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-5					
Laboratory ID:	10-056-05					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Chloromethane	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Bromomethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Chloroethane	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Acetone	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Iodomethane	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Methylene Chloride	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Vinyl Acetate	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
2-Butanone	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Bromochloromethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Chloroform	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Benzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Trichloroethene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Dibromomethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Toluene	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-5					
Laboratory ID:	10-056-05					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
2-Hexanone	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Chlorobenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Ethylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
m,p-Xylene	ND	0.0024	EPA 8260C	10-6-14	10-6-14	
o-Xylene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Styrene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Bromoform	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Bromobenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
Hexachlorobutadiene	ND	0.0061	EPA 8260C	10-6-14	10-6-14	
Naphthalene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-6-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>73-124</i>				

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1006S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloromethane	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromomethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloroethane	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Acetone	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Iodomethane	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methylene Chloride	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Butanone	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chloroform	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Benzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Toluene	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1006S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Hexanone	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-6-14	10-6-14	
o-Xylene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Styrene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromoform	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-6-14	10-6-14	
Naphthalene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>73-124</i>				

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

**VOLATILES by EPA 8260C
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
SPIKE BLANKS										
Laboratory ID:	SB1006S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0479	0.0482	0.0500	0.0500	96	96	56-141	1	15	
Benzene	0.0469	0.0471	0.0500	0.0500	94	94	70-121	0	15	
Trichloroethene	0.0525	0.0529	0.0500	0.0500	105	106	74-118	1	15	
Toluene	0.0487	0.0484	0.0500	0.0500	97	97	75-120	1	15	
Chlorobenzene	0.0477	0.0452	0.0500	0.0500	95	90	75-120	5	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					93	98	65-129			
<i>Toluene-d8</i>					96	97	77-122			
<i>4-Bromofluorobenzene</i>					99	101	73-124			

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

NWTPH-Dx

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SE-1					
Laboratory ID:	10-056-06					
Diesel Range Organics	ND	26	NWTPH-Dx	10-3-14	10-3-14	
Lube Oil Range Organics	ND	52	NWTPH-Dx	10-3-14	10-3-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	78	50-150				
Client ID:	SE-2					
Laboratory ID:	10-056-07					
Diesel Range Organics	ND	27	NWTPH-Dx	10-3-14	10-3-14	
Lube Oil Range Organics	ND	54	NWTPH-Dx	10-3-14	10-3-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	72	50-150				
Client ID:	SE-3					
Laboratory ID:	10-056-08					
Diesel Range Organics	ND	31	NWTPH-Dx	10-3-14	10-3-14	
Lube Oil Range Organics	ND	62	NWTPH-Dx	10-3-14	10-3-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	71	50-150				
Client ID:	SE-4					
Laboratory ID:	10-056-09					
Diesel Range Organics	ND	28	NWTPH-Dx	10-3-14	10-3-14	
Lube Oil Range Organics	ND	55	NWTPH-Dx	10-3-14	10-3-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	78	50-150				
Client ID:	SE-5					
Laboratory ID:	10-056-10					
Diesel Range Organics	ND	2200	NWTPH-Dx	10-3-14	10-6-14	U1
Lube Oil	7200	270	NWTPH-Dx	10-3-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	99	50-150				

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

**NWTPH-Dx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1003S2					
Diesel Range Organics	ND	25	NWTPH-Dx	10-3-14	10-3-14	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-3-14	10-3-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>87</i>	<i>50-150</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-056-08							
	ORIG	DUP						
Diesel Range	ND	ND	NA	NA	NA	NA	NA	NA
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	NA
<i>Surrogate:</i>								
<i>o-Terphenyl</i>				<i>71</i>	<i>75</i>	<i>50-150</i>		

Date of Report: October 6, 2014
Samples Submitted: October 3, 2014
Laboratory Reference: 1410-056
Project: 1301679

% MOISTURE

Date Analyzed: 10-3-14

Client ID	Lab ID	% Moisture
SS-1	10-056-01	8
SS-2	10-056-02	4
SS-3	10-056-03	9
SS-4	10-056-04	7
SS-5	10-056-05	2
SE-1	10-056-06	3
SE-2	10-056-07	7
SE-3	10-056-08	20
SE-4	10-056-09	10
SE-5	10-056-10	7



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 9, 2014

Neil Gilham
Golder Associates Inc.
18300 NE Union Hill Road, Suite 200
Redmond, WA 98052-3333

Re: Analytical Data for Project 1301679
Laboratory Reference No. 1410-108

Dear Neil:

Enclosed are the analytical results and associated quality control data for samples submitted on October 8, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: October 9, 2014
Samples Submitted: October 8, 2014
Laboratory Reference: 1410-108
Project: 1301679

Case Narrative

Samples were collected on October 8, 2014 and received by the laboratory on October 8, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260C Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

NWTPH-Dx

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SE-6					
Laboratory ID:	10-108-02					
Diesel Range Organics	ND	33	NWTPH-Dx	10-8-14	10-8-14	
Lube Oil Range Organics	ND	66	NWTPH-Dx	10-8-14	10-8-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	71	50-150				

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

**NWTPH-Dx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1008S2					
Diesel Range Organics	ND	25	NWTPH-Dx	10-8-14	10-8-14	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-8-14	10-8-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	96	50-150				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-083-05							
	ORIG	DUP						
Diesel Range	ND	ND	NA	NA	NA	NA	NA	NA
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	NA
<i>Surrogate:</i>								
<i>o-Terphenyl</i>				69	78	50-150		

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-6					
Laboratory ID:	10-108-01					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	10-8-14	10-8-14	
Chloromethane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromomethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Chloroethane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Acetone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Iodomethane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Methylene Chloride	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Vinyl Acetate	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Butanone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Bromochloromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Chloroform	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Benzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Trichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Dibromomethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Chloroethyl Vinyl Ether	ND	0.0092	EPA 8260C	10-8-14	10-8-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Methyl Isobutyl Ketone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Toluene	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-6					
Laboratory ID:	10-108-01					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Hexanone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Chlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Ethylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
m,p-Xylene	ND	0.0024	EPA 8260C	10-8-14	10-8-14	
o-Xylene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Styrene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromoform	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2,3-Trichloropropane	ND	0.0016	EPA 8260C	10-8-14	10-8-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Naphthalene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1008S1					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	10-8-14	10-8-14	
Chloromethane	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Bromomethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Chloroethane	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Acetone	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Iodomethane	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Methylene Chloride	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
2-Butanone	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Chloroform	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Benzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
2-Chloroethyl Vinyl Ether	ND	0.0076	EPA 8260C	10-8-14	10-8-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Toluene	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1008S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
2-Hexanone	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-8-14	10-8-14	
o-Xylene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Styrene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Bromoform	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	10-8-14	10-8-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-8-14	10-8-14	
Naphthalene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-8-14	10-8-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

**VOLATILES by EPA 8260C
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
SPIKE BLANKS										
Laboratory ID:	SB1008S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0465	0.0478	0.0500	0.0500	93	96	56-141	3	15	
Benzene	0.0459	0.0464	0.0500	0.0500	92	93	70-121	1	15	
Trichloroethene	0.0486	0.0519	0.0500	0.0500	97	104	74-118	7	15	
Toluene	0.0477	0.0483	0.0500	0.0500	95	97	75-120	1	15	
Chlorobenzene	0.0457	0.0444	0.0500	0.0500	91	89	75-120	3	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					97	96	65-129			
<i>Toluene-d8</i>					96	96	77-122			
<i>4-Bromofluorobenzene</i>					101	101	73-124			

Date of Report: October 9, 2014
Samples Submitted: October 8, 2014
Laboratory Reference: 1410-108
Project: 1301679

% MOISTURE

Date Analyzed: 10-8-14

Client ID	Lab ID	% Moisture
SS-6	10-108-01	5
SE-6	10-108-02	24



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference

**APPENDIX B
LABORATORY REPORT**

Requested Disposal Facility: 4178 Roosevelt Regional MSW LF WA

Waste Profile #

Saveable fill-in form Restricted printing until all required (yellow) fields are completed

I. Generator Information

Sales Rep #:

Generator Name: Potala Tower Seattle, LLC			
Generator Site Address: 2116 4th Ave.			
City: Seattle	County: King	State: Washington	Zip: 98121
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS # :
Generator Mailing Address (if different): <input checked="" type="checkbox"/> PO Box 13261			
City: Everett	County: Snohomish	State: Washington	Zip: 98206
Generator Contact Name: Joe Zlab		Email: joe@pathamerica.com	
Phone Number: (425) 876-7305	Ext:	Fax Number:	

II. Billing Information

Bill To: Potala Tower Seattle, LLC		Contact Name: Kami Erickson	
Billing Address: PO Box 13261		Email: kami@pathamerica.com	
City: Everett	State: WA	Zip: 98206	Phone: (425) 304-1000

III. Waste Stream Information

Name of Waste: Oil Range Organic Compound Impacted Soil from 2116 Fourth Ave Site	
Process Generating Waste: Former transmission shop with some minor oil spills on floor slab that leaked through floor cracks.	
Type of Waste:	<input type="checkbox"/> INDUSTRIAL PROCESS WASTE <input checked="" type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	24 Cubic Yards
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample:	<input type="checkbox"/> COMPOSITE SAMPLE <input checked="" type="checkbox"/> GRAB SAMPLE
Sample Date: 8-16-2014	
Sample ID Numbers: OnSite Environmental Inc. Laboratory Reference No. 1408-130 Sample GP-5-S	

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. Oil Range Organics		5600 ppm			
2. Diesel Range Organics		390 ppm			
3. Total Lead		600 ppm			
4. Total Lead		TCLP 0.26 mg/L			
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
Brown/Grey	Oily Smell	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100%	N/A	N/A °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

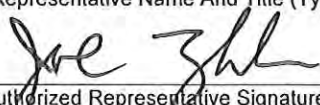
I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Joe Zlab, VP

Potala Tower Seattle, LLC

Authorized Representative Name And Title (Type or Print)

Company Name



10-1-2014

Authorized Representative Signature

Date

Certification No. LW-14244
Billing Acct. No. 333342
Product Code VH

BILL OF LADING
Contaminated Soil

REGIONAL DISPOSAL COMPANY
54 S. Dawson Street
Seattle, WA 98134
Telephone: (206) 332-7700 / Fax: (206) 332-7600

This Bill of Lading augments the Master Service Agreement ("Agreement") entered into by AMDO Construction (Generator/Agent) and Regional Disposal Company ("RDC") on 10/3/2014 (date). The terms herein are made a part of the Agreement. In the event of conflict between this Bill of Lading and the Agreement, the terms of the Agreement prevail.

RDC hereby authorizes the Wastes ("Waste") described in Certification No. LW-14244, signed by Generator/Agent on 10/3/2014 (date), for disposal at Roosevelt Regional Landfill. Contractor shall present a copy of this Bill of Lading with each shipment delivered.

Location of Waste: 2116 4th Ave Seattle 98121

Method of Shipment: Customer

Additional Fees (e.g., laboratory fees, transportation fees, special handling fees, etc. If none, so state):

NA

PERFORMANCE DATE

FOR RDC TRANSPORTATION: Generator shall make the Waste available for shipment no later than _____ (date). RDC shall transport the Waste no later than _____ (date), unless RDC notifies the Generator in writing that Waste transport shall be suspended or canceled due to RDC's exercise of its right to inspect or analyze the Waste (as provided in the Agreement).

FOR GENERATOR TRANSPORTATION: Agent shall begin delivery of the Waste at [check one]:

Roosevelt Regional Landfill.

Seattle Transfer Station located at Third and Lander.

Waste delivery shall begin no later than 10/3/2014 (date), and shall complete delivery of the Waste no later than 12/31/2014 (date), unless RDC notifies Generator/Agent in writing to suspend or cancel the waste delivery due to RDC's exercise of its right to inspect or analyze the Waste (As provided in the Agreement).

GENERATOR / AGENT

REGIONAL DISPOSAL COMPANY

Joe Zlab
Signature

Joe Zlab V.P.
Printed Name and Title

10-3-14
Date

Signature

Printed Name and Title

Date

SITE REGIONAL DISPOSAL INTERMODAL
3rd and lander
Seattle, WA --

CUSTOMER
333342
AMDO Construction
P O Box 13261
Everett, WA 98206
LW-14244

SITE 01	TICKET # 914215	CELL
WEIGHMASTER IN - Leslie U. OUT - Drinda L.		
DATE/TIME IN 10-15-2014 2:03 pm	DATE/TIME OUT 10-15-2014 2:08 pm	
VEHICLE SOIL	CONTAINER	
REFERENCE 77		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	56,720	NET TONS	15.03	
SCALE OUT	TARE WEIGHT	26,660	NET WEIGHT	30,060	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	TRACKING QTY				
15.03	TN	SW-CONT SOIL W/FUEL SEATTLE/KING				

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE *Nero Kohn*

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE REGIONAL DISPOSAL INTERMODAL
3rd and lander
Seattle, WA --

CUSTOMER
333342
AMDO Construction
P O Box 13261
Everett, WA 98206
LW-14244

SITE 01	TICKET # 913877	CELL
WEIGHMASTER Drinda L.		
DATE/TIME IN 10-03-2014 2:05 pm	DATE/TIME OUT 10-3-2014 3:25 pm	
VEHICLE SOIL	CONTAINER	
REFERENCE 77 TOPGRADE		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	58,440	NET TONS	15.88	
SCALE OUT	TARE WEIGHT	26,680	NET WEIGHT	31,760	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	TRACKING QTY				
15.88	TN	SW-CONT SOIL W/FUEL SEATTLE/KING				



NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Wendy L. Adams

SITE REGIONAL DISPOSAL INTERMODAL
3rd and lander
Seattle, WA --

CUSTOMER
333342
AMDO Construction
P O Box 13261
Everett, WA 98206
LW-14244

SITE 01	TICKET # 913899	CELL
WEIGHMASTER IN - Drinda L. OUT - JAMIE B.		
DATE/TIME IN 10-06-2014 7:44 am	DATE/TIME OUT 10-6-2014 7:55 am	
VEHICLE SOIL	CONTAINER	
REFERENCE 77 TOPGRADE		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	57,260	NET TONS	15.19	
SCALE OUT	TARE WEIGHT	26,880	NET WEIGHT	30,380	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	TRACKING QTY				
15.19	TN	SW-CONT SOIL W/FUEL SEATTLE/KING				



NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Wesley Fisher

SITE REGIONAL DISPOSAL INTERMODAL
3rd and lander
Seattle, WA --

CUSTOMER
333342
AMDO Construction
P O Box 13261
Everett, WA 98206
LW-14244

SITE 01	TICKET # 913907	CELL
WEIGHMASTER IN - Drinda L. OUT - JAMIE B.		
DATE/TIME IN 10-06-2014 8:53 am	DATE/TIME OUT 10-6-2014 9:09 am	
VEHICLE SOIL	CONTAINER	
REFERENCE 77 TOPGRADE		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	60,640	NET TONS	16.87	
SCALE OUT	TARE WEIGHT	26,900	NET WEIGHT	33,740	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	TRACKING QTY				
16.87	TN	SW-CONT SOIL W/FUEL SEATTLE/KING				



The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Wens Nelson

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE REGIONAL DISPOSAL INTERMODAL
3rd and lander
Seattle, WA --

CUSTOMER
333342
AMDO Construction
P O Box 13261
Everett, WA 98206
LW-14244

SITE 01	TICKET # 913917	CELL
WEIGHMASTER IN - Drinda L. OUT - JAMIE B.		
DATE/TIME IN 10-06-2014 9:52 am	DATE/TIME OUT 10-6-2014 11:14 am	
VEHICLE SOIL	CONTAINER	
REFERENCE 77 TOPGRADE		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	49,660	NET TONS	11.39	
SCALE OUT	TARE WEIGHT	26,880	NET WEIGHT	22,780	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	TRACKING QTY				
11.39	TN	SW-CONT SOIL W/FUEL SEATTLE/KING				



The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Wesley Nelson

NET AMOUNT
TENDERED
CHANGE
CHECK#

REGIONAL DISPOSAL COMPANY INTERMODA
 PO BOX 51057
 LOS ANGELES, CA 90074-1057
 (206) 332-7731

INVOICE

TO:

AMDO Construction
 P O Box 13261
 Everett, WA 98206

INVOICE NO. 0000048035
 PAGE 1
 DATE Oct-15-14
 333342
 CUSTOMER NO. LW-14244
 SITE NO.
 REFERENCE NO.

SERVICE DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
2106 4th Ave, Seattle				
	Balance forward :			\$0.00
	Payments :			\$0.00
	Adjustments :			\$0.00
	Invoices :			\$0.00
03 - Oct	VH Vehicle: SOIL SW-CONT SOIL W/FUEL	\$45.00 01-913877	15.88 TN	\$714.60
06 - Oct	VH Vehicle: SOIL SW-CONT SOIL W/FUEL	\$45.00 01-913899	15.19 TN	\$683.55
06 - Oct	VH Vehicle: SOIL SW-CONT SOIL W/FUEL	\$45.00 01-913907	16.87 TN	\$759.15
06 - Oct	VH Vehicle: SOIL SW-CONT SOIL W/FUEL	\$45.00 01-913917	11.39 TN	\$512.55
15 - Oct	VH Vehicle: SOIL SW-CONT SOIL W/FUEL	\$45.00 01-914215	15.03 TN	\$676.35
<u>Material Summary</u>				
VH	SW-CONT SOIL W/FUEL		74.36 TN	

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
 Payments received after invoice date are not reflected.
 To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

Account Status

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
\$ 3,346.20	\$ 0.00	\$ 0.00	\$ 0.00

TOTAL THIS INVOICE \$3,346.20

PLEASE PAY THIS AMOUNT \$3,346.20

We reserve the right to suspend service without notice on any past due account.

Please remit to:

REGIONAL DISPOSAL COMPANY INTERMODA
 PO BOX 51057
 LOS ANGELES, CA 90074-1057
 (206) 332-7731

INVOICE NO. 0000048035
 PAGE 1
 DATE Oct-15-14
 333342
 CUSTOMER NO.
 SITE NO.
 REFERENCE NO.

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS *** Please reference your invoice number on each check stub ***

For Billing Inquiries: Call (206)332-7731 or email: chartje@republicservices.com



October 22, 2014

Mr. Dean Yasuda, P.E.
Hazardous Waste and Toxic Reduction
Washington Department of Ecology, Northwest Regional Office
3190 160th Ave SE
Bellevue, WA 98008-5452

Re: Request for "Contained-Out Determination"
Former Dean Transmissions Site
2116 4th Ave, Seattle, WA 98121

Dear Mr. Yasuda:

We are requesting a "contained-out determination" for waste soil generated at our Potala Tower construction site located in downtown Seattle.

Background

Soil containing trace amounts of PCE (Perc or tetrachloroethene) in the amount of 0.0021 ppm have been isolated and stored in lined and covered containers on site awaiting further profiling and eventual removal. This concentration level of PCE is approximately 1/24th the level of MTCA Method A mandatory clean-up which is 0.05 ppm. The amount being stored on site is a little less than 25 tons based upon our estimated volume of about 17 cubic yard of soil.

Request for "Contained-Out Determination"

Potala Village Seattle, LLC is requesting that Ecology grant a "contained-out determination" for the Site, which would exempt the generated waste from the F002 waste code. If the "contained-out determination" is granted, we anticipate that the excavated soil with an *in situ* concentration of 0.0021 ppm will be disposed of at an approved Subtitle D landfill.

US Headquarters
Everett Office
2804 Grand Ave
Suite 308
Everett, WA 98201

Potala Tower Seattle, LLC

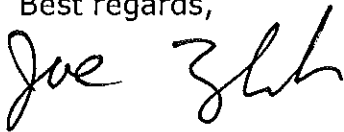
Bellevue Office
Everett Office
500 108th Ave NE
Suite 2020
Bellevue WA, 98004

Below, please find the pertinent information regarding existing soil sampling that has been performed, as well as contact information of the parties involved. Additionally, this emailed letter comes with several other pertinent.

exhibits attached that provide the site environmental reporting and laboratory test data.

Your attention to this matter is greatly appreciated. If you have any questions or comments, please contact me at your earliest convenience at 425-876-7305. Again, thank you for your review of these materials.

Best regards,

A handwritten signature in black ink that reads "Joe Zlab". The signature is written in a cursive, flowing style.

Joe Zlab, PE, SE
Vice President of Construction

Enclosures

"Contained-Out Determination" Request Information:

- Location and address of the site with contaminated media:

**2116 4th Avenue,
Seattle WA 98121**

- Site property owner mailing address and contact information:

Owner:

**Potala Tower Seattle, LLC
PO Box 13261
Everett, WA 98201
Joe Zlab (425)876-7305
joe@pathamerica.com**

- Contact information of environmental staff assisting with the clean-up action:

Consultant:

**Golder Associates Inc.
18300 NE Union Hill Rd
Redmond, WA
Neil Gilham
Office 425-883-0777 x52540
Direct 206-316-5540
Cell 206-595-7074**

- The RCRA Site Identification Number:

None

- Ecology's Facility/Site Database Number:

None

- Contact information of the Ecology site manager overseeing cleanup actions:

Donna Musa
Initial Investigation / Site Hazard Assessment Coordinator
Regional Facility Site / ISIS Database Coordinator
NWRO Toxics Cleanup Program, WA Department of Ecology
3190 160th Ave SE, Bellevue WA 98008
Phone: 425-649-7136
Fax: 425-649-7098
donna.musa@ecy.wa.gov

- Description of clean-up action generating contaminated media:

The building was recently demolished in preparation for construction of a new high-rise building. Prior to demolition, soil and water sampling was conducted that told us that groundwater had not been contaminated but that small amounts of heavy oil and solvents were in the soils directly under the floor slab cracks. The property owner, Potala Tower Seattle, LLC, on its own volition engaged Republic Services (206)332-7777 to transport the soils with heavy oils to the Roosevelt Regional MSW facility. Additionally, the owner has engaged NRC (206)607-3071 to provide lined boxes for storage of the soils with trace amounts of tetrachloroethene (PCE) on site while profiling and disposal procedures are approved and finalized. Confirmatory testing has been performed at the locations where these identified soils have been excavated.

The concentration of PCE found in the GP-3-S sample was 0.0021 ppm. Exhibit A shows the location of GP-3 where the PCE was found. Exhibit B shows the lab data for GP-3S. MTCA Method A cleanup level is 0.05 ppm so it is about 1/24th the amount that would be required for mandatory cleanup under MTCA Method A requirements.

- Planned schedule to excavate or remove contaminated media:

The soils at GP-3 that have trace amounts of PCE were sampled on August 15, 2014. The building was subsequently demolished in September 2014. The first soils to be excavated at the GP-3 area were placed in a lined container on October 3, 2014. Confirmatory testing was performed by taking five samples (four sidewall and one bottom sample). One of the five samples (south sidewall SS-4; lab samples are shown in Exhibit C) came back with trace

amounts of PCE (0.0011 ppm). This is about 1/50th of the 0.05 ppm that would be required for mandatory cleanup under MTCA Method A procedures. Additional soil was excavated on October 8, 2014 to remove contaminated soils at this south sidewall area. A confirmatory sample (SS-6; lab samples are shown in Exhibit C) of the south sidewall was taken and the results were non-detect (<0.0012 ppm) for PCE and all other VOCs.

- Description of the listed waste codes and the type of environmental media, and include the amount (in volume or weight).

The media is soil. The density (weight/volume) is estimated at 110 pounds per cubic foot. Approximately 25 tons of the material has been segregated and stored in lined containers on site. This estimate is based upon there being about 17 cubic yards of soil and it weighting about 110 pounds per cubic foot or about 3,000 pounds per cubic yard. Based on the trace levels of PCE, the following waste code would apply if the soil was designated as a dangerous waste: F002

- Description of the source of contaminants at the site:

The building had been a transmission shop for approximately 40 years. The floor slab was in fairly good shape and only small amounts of surface cracking were evident. Prior to demolition, the floor slab was cored at these cracked locations. Shallow borings were taken in six locations for a total of 12 total samples. The samples were taken at shallow depths of less than one foot and then at five feet. Consistently, it was found that small amounts of oil and solvents were found at the shallow elevations but not at the deeper samples taken five feet below. This leads us to believe that the contaminants are the result of inadvertent spills and splashes that would have been inevitable over a 40 year period of activity and not the result of some planned and consistent dumping of contaminants into the environment.

- Discussion of whether the contaminated media designates as a federal characteristic waste (WAC 173-303-090) or a state-only criteria waste (WAC 173-303-100):

The waste does not exhibit any characteristics or contain any constituents at concentrations that would designate the waste as either a federal or state characteristic waste.

- Map of the site showing the location of buildings, sampling locations with sample identification numbers, groundwater monitoring wells, and surface water bodies:

Please see attached Exhibit A for location of GP-3 test hole.

- Description of the sampling techniques and the type of analytical methods used. Include the number, locations, and depths of samples. You should use all reasonable analytical methods to obtain practical quantitation limits (PQLs) below the applicable MTCA cleanup levels and Universal Treatment Standards (UTSs). Include a short discussion on how your analytical data is representative of the level of contamination in your media.

Soil and water quality was tested at site monitoring wells in 2008 and 2014. These reports are available upon request and have already been sent to Ms. Donna Musa at the Washington State Department of Ecology. The samples were taken from bore holes and monitoring wells during these early investigations. Later during our more recent fieldwork, grab samples were taken from open holes during confirmatory testing. The laboratory testing procedures are per EPA 8260C requirements. The soil samples for GRO and VOC analysis were collected in accordance with EPA Method 5035 procedures.

- Proposed procedures for managing and disposing of the media. Include the name and location of proposed permitted disposal facilities that would receive your contaminated media if Ecology approved your request for a contained-in determination. Please include contact information for person(s) at these facilities:

NRC has provided the site with lined container boxes that have covers. Soils are to be stored there until contained-out determination and letter are confirmed. NRC will transport soils to Waste Management site at Oregon Waste Systems at CWM Arlington, Oregon. The phone number of the site is 541-454-2030.

- Table with analytical results for the contaminated media. Include sample identification numbers. Include applicable MTCA cleanup levels and applicable Universal Treatment Standards (UTS) for all regulated hazardous constituents and any possible breakdown products in your contaminated media.

Please see attached Exhibits B and C for analytical results. Original analysis is in Exhibit B. Confirmatory lab reports are in Exhibit C.

- Copies of original analytical reports and data quality assurance reports, including method detection limits (MDLs) and PQLs:

Please see attached Exhibits B and C for analytical reports. Original analysis is in Exhibit B. Confirmatory lab reports are in Exhibit C.

Table 1: Analytical Results for Soil Samples (milligrams per kilogram)

Boring Number	Sample Number	Depth (feet)	Petroleum Hydrocarbons			Detected VOCs		Total Metals							
			GRO	DRO	ORO	Acetone	Tetrachloroethene	Arsenic	Barium	Cadmium	Chromium ³	Lead	Mercury	Selenium	Silver
GP-1	GP-1-S	0.5 (sub-slab)	<5.6	<29	<57	<0.0049	<0.00099	NA	NA	NA	NA	NA	NA	NA	NA
	GP-1-5	5	<7.1	<30	<60	<0.0055	<0.0011	NA	NA	NA	NA	NA	NA	NA	NA
GP-2	GP-2-S	0.5 (sub-slab)	<6.0	<28	<56	<0.0052	<0.0010	NA	NA	NA	NA	NA	NA	NA	NA
	GP-2-5	5	<7.1	<30	<60	<0.0057	<0.0011	NA	NA	NA	NA	NA	NA	NA	NA
GP-3	GP-3-S	0.5 (sub-slab)	<6.8	<29	160	<0.0070	0.0021	NA	NA	NA	NA	NA	NA	NA	NA
	GP-3-5	5	<6.2	<28	<57	<0.0068	<0.0014	NA	NA	NA	NA	NA	NA	NA	NA
GP-4	GP-4-S	0.5 (sub-slab)	<5.9	<29	<58	0.034	<0.0012	NA	NA	NA	NA	NA	NA	NA	NA
	GP-4-5	5	<7.9	<33	<66	<0.0081	<0.0016	NA	NA	NA	NA	NA	NA	NA	NA
GP-5	GP-5-S	0.5 (sub-slab)	<8.4	390	5,600	<0.0061	<0.0012	<13	89	<0.64	57	600*	<0.32	<13	3.6
	GP-5-5	5	<6.5	<30	<59	<0.0066	<0.0013	NA	NA	NA	NA	NA	NA	NA	NA
GP-6	GP-6-S	0.5 (sub-slab)	<6.9	<30	<59	0.010	<0.0012	NA	NA	NA	NA	NA	NA	NA	NA
	GP-6-5	5	<7.3	<30	79	<0.0067	<0.0013	NA	NA	NA	NA	NA	NA	NA	NA
MTCA Method A Cleanup Level ¹			100	2,000	2,000	Not listed	0.05	20	Not listed	2	2000	250	Not listed	Not listed	Not listed
MTCA Method B Formula Value ²			No value	No value	No value	72,000	476	0.667	16,000	80	120,000	No value	No value	400	400

Notes:

* Sample GP-5-S was also analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) - EPA Method 1311. The TCLP result was 0.26 milligrams per liter (mg/L) lead, less than the 5.0 mg/L maximum lead concentration for the toxicity characteristic

¹ - Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340, Table 740-1 Method A Soil Cleanup Levels for Unrestricted Land Uses

² - MTCA Method B Formula Value Cleanup Levels for Unrestricted Land Uses (<https://fortress.wa.gov/ecy/darc/CLARCDDataTables.aspx>)

³ - Cleanup levels cited for Chromium (III)

GRO = Gasoline-range organics

DRO = Diesel-range organics

ORO = Heavy oil-range organics

VOCs = Volatile organic compounds

NA = Not analyzed

PCE

EXHIBIT B

1/7



Date of Report: August 26, 2014
Samples Submitted: August 16, 2014
Laboratory Reference: 1408-130
Project: 1301679.010

VOLATILES EPA 8260C
page 1 of 2

Shallow
J

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	GP-3-S					
Laboratory ID:	08-130-05					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chloromethane	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
Vinyl Chloride	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromomethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chloroethane	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Acetone	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
Iodomethane	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
Carbon Disulfide	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Methylene Chloride	ND	0.0095	EPA 8260C	8-19-14	8-19-14	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Vinyl Acetate	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Butanone	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
Bromochloromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chloroform	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Benzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Trichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Dibromomethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromodichloromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Chloroethyl Vinyl Ether	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Methyl Isobutyl Ketone	ND	0.0088	EPA 8260C	8-19-14	8-19-14	
Toluene	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	

3/7

Date of Report: August 26, 2014
Samples Submitted: August 16, 2014
Laboratory Reference: 1408-130
Project: 1301679.010

VOLATILES EPA 8260C
page 2 of 2



Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	GP-3-S					
Laboratory ID:	08-130-05					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Tetrachloroethene	0.0021	0.0014	EPA 8260C	8-19-14	8-19-14	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Hexanone	ND	0.0090	EPA 8260C	8-19-14	8-19-14	
Dibromochloromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Ethylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
m,p-Xylene	ND	0.0028	EPA 8260C	8-19-14	8-19-14	
o-Xylene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Styrene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromoform	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Isopropylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2,3-Trichloropropane	ND	0.0018	EPA 8260C	8-19-14	8-19-14	
n-Propylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Chlorotoluene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
4-Chlorotoluene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
tert-Butylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
sec-Butylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
n-Butylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dibromo-3-chloropropane	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Hexachlorobutadiene	ND	0.0070	EPA 8260C	8-19-14	8-19-14	
Naphthalene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	65-129				
Toluene-d8	99	77-122				
4-Bromofluorobenzene	83	73-124				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

4/7

Date of Report: August 26, 2014
Samples Submitted: August 16, 2014
Laboratory Reference: 1408-130
Project: 1301679.010

VOLATILES EPA 8260C
page 1 of 2

5'S DEEP

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	GP-3-5					
Laboratory ID:	08-130-06					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chloromethane	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
Vinyl Chloride	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromomethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chloroethane	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Acetone	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
Iodomethane	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
Carbon Disulfide	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Methylene Chloride	ND	0.0092	EPA 8260C	8-19-14	8-19-14	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Vinyl Acetate	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Butanone	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
Bromochloromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chloroform	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Benzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Trichloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Dibromomethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromodichloromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Methyl Isobutyl Ketone	ND	0.0086	EPA 8260C	8-19-14	8-19-14	
Toluene	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	

5/5

Date of Report: August 26, 2014
Samples Submitted: August 16, 2014
Laboratory Reference: 1408-130
Project: 1301679.010

VOLATILES EPA 8260C
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	GP-3-5					
Laboratory ID:	08-130-06					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Tetrachloroethene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Hexanone	ND	0.0088	EPA 8260C	8-19-14	8-19-14	
Dibromochloromethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Chlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Ethylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
m,p-Xylene	ND	0.0027	EPA 8260C	8-19-14	8-19-14	
o-Xylene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Styrene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromoform	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Isopropylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Bromobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,1,1,2,2-Pentachloroethane	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2,3-Trichloropropane	ND	0.0018	EPA 8260C	8-19-14	8-19-14	
n-Propylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
2-Chlorotoluene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
4-Chlorotoluene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
tert-Butylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
sec-Butylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
n-Butylbenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Hexachlorobutadiene	ND	0.0068	EPA 8260C	8-19-14	8-19-14	
Naphthalene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	8-19-14	8-19-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	65-129				
Toluene-d8	104	77-122				
4-Bromofluorobenzene	97	73-124				



This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.



OnSite Environmental Inc.

Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Laboratory Number: **08-130**

Company: Goldes Associates
 Project Number: 1301679.010
 Project Name: Potala Tower
 Project Manager: Neil Gilliam
 Sampled by: David Erickson

Turnaround Request (in working days)
 (Check One)
 Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days) (TPH analysis 5 Days)
 (other) _____

Lab ID	Date Sampled		Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-G&BTEX	NWTPH-GX	NWTPH-DX	Volatiles B260C	Halogenated Volatiles B260C	SemiVolatiles B270D/SIM (with low-level PAHs)	PAHs B270D/SIM (low-level)	PCBs B082A	Organochlorine Pesticides B081B	Organophosphorus Pesticides B270D/SIM	Chlorinated Acid Herbicides B151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1661A	% Moisture	
	8/15/14	19:25																					
11	GP-6-S	S	5		5																		X
12	GP-6-S	S	5		5																		X

Signature	Company	Date	Time	Comments/Special Instructions
	Goldes	8/14/14	11:45	
	Goldes	8/16/14	11:45	

7/7

EXHIBIT C

1/6

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

Confirmatory SAMPLE SS-4

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-4					
Laboratory ID:	10-056-04					
Dichlorodifluoromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chloromethane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Vinyl Chloride	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromomethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chloroethane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Trichlorofluoromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Acetone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Iodomethane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Carbon Disulfide	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Methylene Chloride	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Vinyl Acetate	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
2,2-Dichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Butanone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Bromochloromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chloroform	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Carbon Tetrachloride	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1-Dichloropropene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Benzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Trichloroethene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Dibromomethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromodichloromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Toluene	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	

Date of Report: October 6, 2014
 Samples Submitted: October 3, 2014
 Laboratory Reference: 1410-056
 Project: 1301679

2/6

VOLATILES EPA 8260C
 page 2 of 2

PCE


Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-4					
Laboratory ID:	10-056-04					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Tetrachloroethene	0.0011	0.00097	EPA 8260C	10-6-14	10-6-14	
1,3-Dichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Hexanone	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Dibromochloromethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Chlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Ethylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
m,p-Xylene	ND	0.0019	EPA 8260C	10-6-14	10-6-14	
o-Xylene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Styrene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromoform	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Isopropylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Bromobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
n-Propylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
2-Chlorotoluene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
4-Chlorotoluene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,3,5-Trimethylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
tert-Butylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trimethylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
sec-Butylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,3-Dichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
p-Isopropyltoluene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,4-Dichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
n-Butylbenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
1,2,4-Trichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	10-6-14	10-6-14	
Naphthalene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
1,2,3-Trichlorobenzene	ND	0.00097	EPA 8260C	10-6-14	10-6-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>73-124</i>				

Confirmatory Sample SS-6 ^{4/6}

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

VOLATILES EPA 8260C page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-6					
Laboratory ID:	10-108-01					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	10-8-14	10-8-14	
Chloromethane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromomethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Chloroethane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Acetone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Iodomethane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Methylene Chloride	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Vinyl Acetate	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Butanone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Bromochloromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Chloroform	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Benzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Trichloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Dibromomethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Chloroethyl Vinyl Ether	ND	0.0092	EPA 8260C	10-8-14	10-8-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Methyl Isobutyl Ketone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Toluene	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	

Date of Report: October 9, 2014
 Samples Submitted: October 8, 2014
 Laboratory Reference: 1410-108
 Project: 1301679

VOLATILES EPA 8260C
 page 2 of 2

PCE


Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SS-6					
Laboratory ID:	10-108-01					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Hexanone	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Chlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Ethylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
m,p-Xylene	ND	0.0024	EPA 8260C	10-8-14	10-8-14	
o-Xylene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Styrene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromoform	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Bromobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2,3-Trichloropropane	ND	0.0016	EPA 8260C	10-8-14	10-8-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	10-8-14	10-8-14	
Naphthalene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-8-14	10-8-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000

October 29, 2014

Joe Zlab
Potala Tower Seattle, LLC
PO Box 13261
Everett, WA 98201

Re: Request for Contained-Out Determination, Former Dean Transmission Site at 2116 4th Ave, Seattle, Washington 98121

References: (a) Letter Report, J. Zlab (Potala Tower) to D. Yasuda (Ecology), dated October 22, 2014, Request for Contained Out Determination, Former Dean Transmission Site at 2116 4th Ave, Seattle Washington 98121

Dear Mr. Zlab:

The Washington State Department of Ecology (Ecology) received a contained-out determination request (reference a) from you on October 22, 2014, for soil contaminated with F002¹ listed waste constituents generated during site cleanup activities at the Former Dean Transmission Site at 2116 4th Avenue, Seattle Washington 98121.

Ecology received this information to determine if the excavated contaminated soils are exempt from management as dangerous wastes under the "Contained-In Policy." Based on the information provided and reviewed to date, Ecology's regulatory determination is as follows:

The approximately **25 tons** of F002 (PCE) listed waste contaminated soils represented by soil samples GP-3 (**attached revised Appendix A figure**) that were generated during site excavation activities at the Site do not require management as dangerous wastes and Ecology will not require disposal of these contaminated soils as F002 (PCE) listed wastes at a RCRA permitted dangerous waste treatment, storage and disposal (TSD) facility, provided all of the conditions below are implemented.

For the approximately **25 tons** of F002 listed waste contaminated soils (**attached revised Appendix A figure**), Ecology understands that these soils do not designate under federal characteristics (Washington Administrative Code [WAC] 173-303-090) or State-only criteria (WAC 173-303-100). For these **25 tons** of F002 listed waste contaminated soils, you or your consultant shall comply with the following requirements:

- a. Ensure **no standing water** is present within any container holding the PCE contaminated soil. All water must be removed to the maximum extent possible from each of these containers and managed as F002 listed dangerous wastes without exception. The contaminated groundwater or infiltrated surface water should be removed from the contaminated soils prior to shipment to the landfill. Contaminated water cannot be disposed of into a RCRA Subtitle D (or C) landfill directly.

¹ Perchloroethylene (PCE)



- b. This Ecology approval letter does not pertain to any decontamination water or groundwater.
- c. Deliver these contaminated soils directly to a permitted RCRA Subtitle D landfill (outside Washington State) such as the Columbia Ridge Solid Waste Landfill in Arlington, Oregon OR a Washington State solid waste landfill permitted under Chapter 173-351 WAC such as the Roosevelt Regional Landfill.
- d. Do not consolidate these contaminated soils with other soils that do not pertain to this contained out determination.
- e. Do not offload these contaminated soils at any temporary staging/transfer/reloading area.
- f. These contaminated soils shall not be used as fill at the Site or any other Property.
- g. Plastic line the containers or delivery trucks for direct delivery to the solid waste landfill.
- h. Cover all excavated soils and take adequate measures to prevent spills and dispersion due to wind or rain erosion.
- i. Take measures to prevent unauthorized contact with these soils at all times.
- j. Provide instructions to the landfill operator that these soils are not to be used for daily, intermediate, or final cover.
- k. Provide copies of all soil analytical data to the landfill operator, upon request.
- l. Send copies of all signed solid waste landfill receipt records for these contaminated soils to Ecology, attention of Dean Yasuda, within 15 days of your receipt. Also indicate the total volume/weight of all contaminated soils disposed of under the Ecology approved contained-in determination, and indicate if this total amount is above, below or equal to the total amount approved by this Ecology letter. This is an important verification step for you and your environmental consultant to follow in order for this Ecology decision to be valid.
- m. Do not send these contaminated soils to any incinerator, thermal desorption unit, or recycling facility unless that facility is a RCRA Subtitle C permitted hazardous waste TSD facility.
- n. Dispose of the **25 tons** of PCE-contaminated soils by December 3, 2014. This contained-out determination for these contaminated soils is no longer valid after December 3, 2014. After this date, you are required to manage these contaminated soils as dangerous wastes.
- o. This written decision for the contaminated soils does not apply to any other area or other media. Local agencies have the authority to impose additional requirements on this waste stream.
- p. Notify Ecology immediately once you are aware that to-be-excavated soils under this letter will exceed the permitted amount. Ecology needs to make sure that the additional soil qualifies for this contained out determination.

This letter only addresses the procedures for disposal of the above described PCE contaminated soils generated at the Site in accordance with the Washington State Dangerous Waste Regulations (Chapter 173-303 WAC). This letter is not an Ecology approval for dangerous waste designation

Mr. Joe Zlab
October 29, 2014
Page 3 of 3

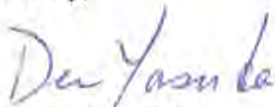
process or disposal of soils that may be generated in the future or already excavated outside the locations for which this contained out approval letter applies. Designation (as dangerous wastes or non-dangerous wastes) and proper disposal of those "outside" soils is a responsibility of the generator of excavated soils.

This letter is not a No Further Action (NFA) letter and not written approval for any cleanup action plan you may have submitted. Regulatory decisions regarding the cleanup action, applicable soil and groundwater cleanup levels and any other cleanup issues must comply with the requirements under Ecology Model Toxics Control Act (MTCA).

If you fail to comply with the terms of this letter, Ecology may issue an administrative order and/or penalty as provided by the Revised Code of Washington (RCW) Sections 70.105.080 and/or .095 (Hazardous Waste Management Act).

If you have any questions concerning this letter, please feel free to contact me at (425) 649-7264 or by email at dyas461@ecy.wa.gov.

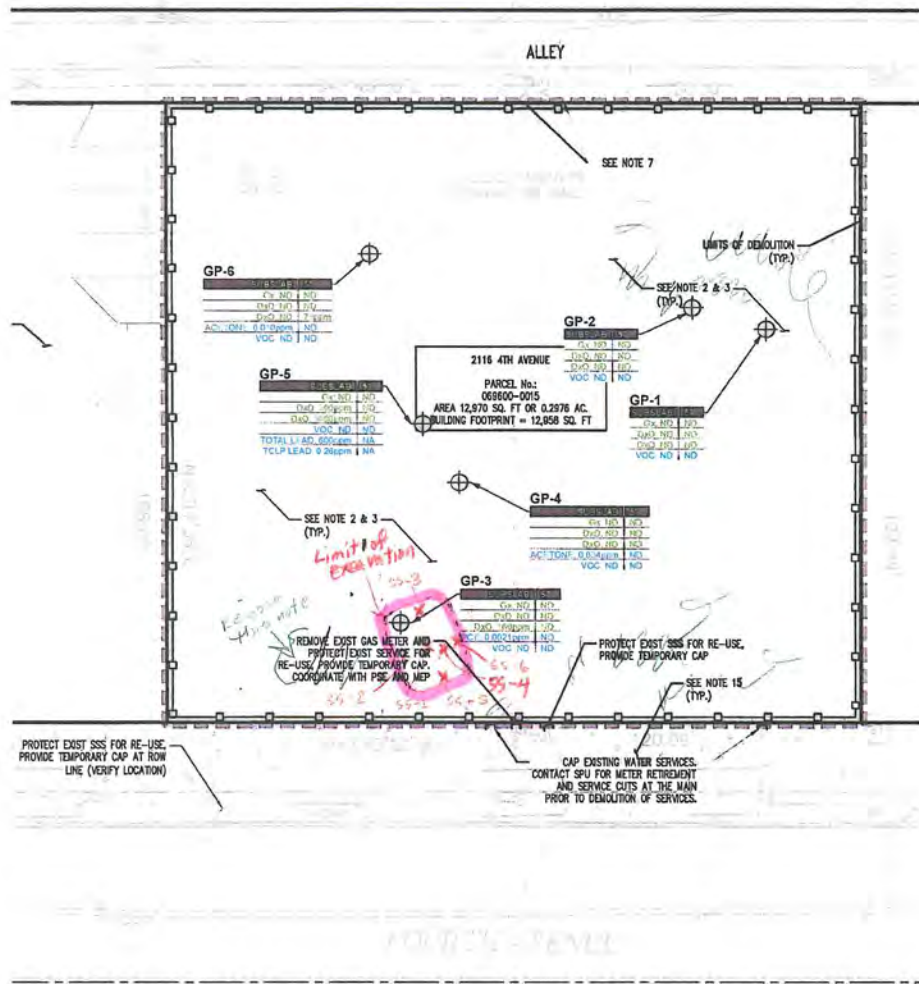
Sincerely,



Dean Yasuda, PE
Hazardous Waste and Toxics Reduction Program

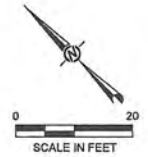
By certified mail: 7013 2250 0000 3614 6130

ecc: Yolanda Pon, Seattle-King County Public Health (Yolanda.Pon@kingcounty.gov)
Lisa Brown, Ecology-ERO
Greg Caron, Ecology-CRO
Mindy Collins, Ecology-BFO
Samuel Iwenofu, Ecology-SWRO
Byung Maeng, Ecology-NWRO
Donna Musa, Ecology-NWRO
HZW 5.4.1



LEGEND

BORING LOCATION AND NUMBER	
GP-1	BORING LOCATION AND NUMBER
GR	GASOLINE-RANGE ORGANICS
DR	DIESEL-RANGE ORGANICS
DO	DIENE-RANGE ORGANICS
VOC	VOLATILE ORGANIC COMPOUNDS
PCE	TETRACHLOROETHENE
ND	NOT DETECTED
NA	NOT ANALYZED



DRAFT

Revised Appendix A Figure 10-29-14

CLIENT	PATH AMERICA	PROJECT	ENVIRONMENT SUBSURFACE INVESTIGATION
CONSULTANT	Goldier Associates	TITLE	SAMPLE LOCATIONS PLAN WITH RESULTS
DATE	2014-06-19	PROJECT No.	130-1679
PREPARED	A.PARKIN	PHASE	010
DESIGN		FIGURE	1
REVIEW			
APPROVED			



Greater Wenatchee Regional Landfill
 191 Webb Road
 Wenatchee, WA, 98802

Original
 Ticket# 720153

Ph: (509) 884-2002

Customer Name NRC 109279WA NRC ENVIRONMENTAL Carrier NRC
 Ticket Date 11/25/2014 Vehicle# 2144 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0508469
 Destination Grid
 PO#

	Time	Scale	Operator	Inbound	Gross	
In	11/25/2014 11:38:09	Inbound	cmorris		76520 lb	
Out	11/25/2014 12:35:11	Outbound	cmorris		42540 lb	
					Net	33980 lb
					Tons	16.99

Comments

I acknowledge I have no hazardous materials.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste Solid Oth-Tons-S	100	16.99	Tons	26.00	15.90	\$441.74	KING
2 CDHD FEE-Chelan Douglas	100	16.99	Tons	1.00		\$16.99	KING
3 FEA-FUEL, ENV, ADMIN	100	16.99	Tons	4.55		\$77.30	KING

Total Tax \$15.90
 Total Ticket \$551.93

Driver's Signature

209WM



191 Webb Road
Wenatchee, WA, 98802

Ticket# 720072
Ph: (509) 884-2802

WASTE MANAGEMENT

Customer Name NRC 109279WA NRC ENVIRONMENTA Carrier NRC
 Ticket Date 11/24/2014 Vehicle# 2144
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0508468
 Destination Grid
 PO#

Volume
 68900 lb
 42800 lb
 26100 lb
 13.05

	Time	Scale	Operator	Inbound	Gross	
In	11/24/2014 13:47:40	Inbound	janelle		Tare	42800 lb
Out	11/24/2014 14:33:15	Outbound	janelle		Net	26100 lb
					Tons	13.05

Comments

I acknowledge I have no hazardous materials.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste Solid Dth-Tons-S	100	13.05	Tons	26.00	12.21	\$339.30	KING
2 CDHD FEE-Chelan Douglas	100	13.05	Tons	1.00		\$13.05	
3 FEA-FUEL, ENV, ADMIN	100	13.05	Tons	4.55		\$59.38	

Total Tax \$12.21
 Total Ticket \$423.94

Driver's Signature
 203WM

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

Tracking No. 67384

NRC 9520 10th Avenue S. Suite 150
Seattle, WA 98108

Carrier NRC SCAC _____ Carrier's No. 2144

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations:

at _____, date _____ from _____
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on it's route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Consignee Waste Management
191 Webb Rd
Street Wenatchee WA Zip 98802
FROM: Shipper Path America
Street 2116 4th Ave
Origin Seattle, WA Zip _____

Route _____
Delivering Carrier _____ Vehicle Number _____ U.S. DOT Hazmat Reg. Number _____

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 Roll off Box			Material Not Regulated					
			By DOT					
			(DOT)					
			Job # 87116					
			PO# 27315					

Remit COD to:
Address: _____
City: _____ State: _____ Zip: _____

Subject to Section 7 of 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)

COD AMT: \$ _____
COD FEE: Prepaid Collect \$ _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

TOTAL CHARGES: \$ _____

FREIGHT CHARGES: Prepaid Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (c)(1)(A) and (B).

PLACARDS REQUIRED

PLACARDS SUPPLIED BY SHIPPER BY CARRIER
DRIVER'S SIGNATURE: _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____
SHIPPER: Path America
PER: _____ DATE: 11/25/14

CARRIER: NRC
PER: _____ DATE: _____

EMERGENCY RESPONSE
TELEPHONE NUMBER: (800) 38-SPILL

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).



Waste Management Regional Center
 151 Webb Road
 Mendota, WI 53540

Phone:
 Ticket# 729.52

City: 100% 804-7000

Customer Name: NRC 0030704 NRC 001100000070
 Ticket Date: 1/23/2014
 Payment Type: Credit Account
 Manual Ticket#
 Route
 Hauling Ticket#
 Destination
 City

Carrier: NRC
 Vehicle#: 2174
 Container
 Driver
 Check#
 Billings# 0000408
 City

Time	Event	Operator	Inbound	Event	78529 1b
In 1/23/2014 1:26:00	Inbound	caorvic		Tax	142040 1b
Out 1/23/2014 12:35:11	Outbound	caorvic		Net	51000 1b
				Tax	10.00

Comments:

1. Enclosure 1 has no hazardous materials.

Product	Qty	Unit	Rate	Tax	Amount	Driver
1 Spent Solid Oil-Tons-5	100	Tons	20.00	10.00	1441.74	KING
2 CONE FEE-Chem Double	100	Tons	1.00		116.95	KING
3 FOG FEE-Chem ADMN	100	Tons	4.00		177.30	KING

Total Tax: 110.00
 Total Ticket: 1851.94

203WM
 License # Signature

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

NRC 9520 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. 67383

Carrier NRC SCAC _____ Carrier's No. 2144

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations:

at _____, date 11-24-14 from 2116 4th Ave Seattle Wa.

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or 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 of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: <u>Waste Management</u> Consignee <u>191 Webb Rd.</u> Street Destination <u>Wenatchee Wa. Zip 98802</u>	FROM: <u>Path America</u> Shipper Street <u>2116 4th Ave</u> Origin <u>Seattle Wa.</u> Zip _____
---	--

Delivering Carrier NRC Vehicle Number 2144 U.S. DOT Hazmat Reg. Number _____

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
<u>1 Rolloff Box</u>			<u>Material Not Regulated</u>			<u>13.05</u>	<u>TON</u>	
			<u>By DOT</u>					
			<u>(Dirt)</u>					
			<u>Job # 87116</u>					
			<u>P.O. # 27315</u>					

Remit COD to:
Address:
City: _____ State: _____ Zip: _____

Subject to Section 7 of 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.

COD AMT: \$ _____
COD FEE: Prepaid Collect \$ _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

(Signature of Consignor)

TOTAL CHARGES: \$ _____
FREIGHT CHARGES: Prepaid Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (c)(1)(A) and (B).

PLACARDS REQUIRED

PLACARDS SUPPLIED BY SHIPPER BY CARRIER
DRIVER'S SIGNATURE: _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

SHIPPER: Path America
PER: _____ DATE: 11/25/14

CARRIER: NRC
PER: Mark Ranahan DATE: 11-24-14

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 33-spill

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).



Greene Municipal Services (landfill)
 191 West Road
 Warrenton, OR, 97146

Run on
 Ticket# 720077

Ph: (503) 865-8800

WASTE MANAGEMENT

Customer Name: NRE 10502906 RR Environmental
 Ticket Date: 11/24/2014
 Payment Type: Credit Account
 Manual Ticket#:
 Route:
 Hauling Ticket#:
 Destination:
 DO#:
 Carrier: NRE
 Vehicle#: 2144
 Container:
 Driver:
 Dispatch:
 Billing#: 050040A
 City:

Notes

In	Time	Scale	Operator	Inbound	Crts.	Rate	Weight
In	11/24/2014 12:47:40	Inbound	Janette		Tare		42000 lb
Out	11/24/2014 14:23:15	Outbound	Janette		Net		25000 lb
					Tot		13.05

Comments:

I warrant that I have no hazardous materials.

Product	Qty	Unit	Rate	Tax	Amount	Grade
1 waste Solid Oth Tons-S	100	Tons	26.00	18.21	\$535.36	KING
2 PDHG FEE-Overseer Douglas	100	Tons	1.00		\$10.00	
3 FEA FUEL (FUEL NORTH)	100	Tons	1.55		\$157.36	

Total Tax: \$18.21
 Total Ticket: \$622.72

Driver's Signature
 203WM



NRC Environmental Services, Inc.
 Bank of America Merrill Lynch
 ABA 0210 0032 2
 A/C# 483043542964
 A/C Name: NRC Environmental Services, Inc.

9520 10th Avenue South, Suite#150, Seattle, WA, 98108
 Phone:206-607-3000, Fax:206-607-3001

PLEASE REMIT CHECK PAYMENT TO:
 NRC Environmental Services, Inc.
 P.O Box 749929
 Los Angeles, CA 90074-9929

Customer: PATH AMERICA
2804 GRAND AVE SUITE 308
EVERETT, WA, 98201

Invoice #: 615519
 NRC Job #: 87116
 Customer PO#: _____
 Reference #: _____

Invoice Date: 18-DEC-14
 Job Description: Deliver 20-yard box for on-site handling of PCB contaminated soils, profile waste and transport to final disposal facility.

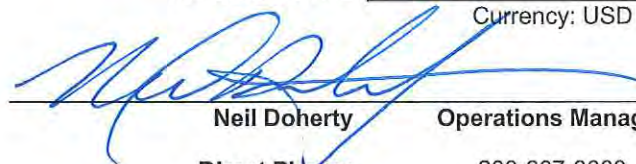
Contact: ZLAB, JOE
 Phone: 1-428-876-7305
 Fax: _____
 E-Mail: JOE@PATHAMERICA.COM
 Terms: 30 NET

Job Location: 2116 4TH AVE
SEATTLE, WA, 98121

Job Date (s): 10/6/14-11/25/14
 Progress Billing: No
 Final Billing: Yes

Description(See Attached Details)	EXTENDED PRICE
LABOR	2,975.00
MATERIAL	1,660.66
RENTAL EQUIPMENT	819.94
SUBCONTRACTOR	1,261.04
EQUIPMENT	2,911.00
	INVOICE SUBTOTAL 9,627.64
	SALES TAX 914.64
	INVOICE TOTAL 10,542.28

THANK YOU FOR YOUR BUSINESS

Currency: USD

 Neil Doherty Operations Manager
 Direct Phone: 206-607-3000
 Fax: 206-607-3001

OR CCB #89527
 WA CCB #NRCENS963CR
 FED ID #: 91-1572532

A 1.5% per month finance charge will be assessed for all past due invoices to include the flat late fee amount.



INVOICE DETAILS SHEET

JOB NO 87116

INVOICE NO 615519

Page No

2/3

LABOR

Date	Name/Item(s)	Description	Billing Code	UOM	Qty	Rate	Amount
06-OCT-14	Ranahan, Mark J	Regular Time	DRIVER	Hours	1	50.00	50.00
06-OCT-14	Ranahan, Mark J	Over Time	DRIVER	Hours	3	87.00	261.00
08-OCT-14	Whitney, Kristi Elisa	Regular Time	PROJECT SCIENTIST/FIELD CHEMIST	Hours	1	65.00	65.00
10-OCT-14	Ranahan, Mark J	Regular Time	DRIVER	Hours	4.5	50.00	225.00
10-OCT-14	Heatherly, Jake	Over Time	RESOURCE COORDINATOR	Hours	1	85.50	85.50
13-OCT-14	Heatherly, Jake	Regular Time	RESOURCE COORDINATOR	Hours	.5	57.00	28.50
13-OCT-14	Heatherly, Jake	Regular Time	RESOURCE COORDINATOR	Hours	.5	57.00	28.50
24-NOV-14	Heatherly, Jake	Regular Time	RESOURCE COORDINATOR	Hours	1.5	57.00	85.50
24-NOV-14	Ranahan, Mark J	Regular Time	EQUIPMENT OPERATOR	Hours	8	62.00	496.00
24-NOV-14	Ranahan, Mark J	Over Time	EQUIPMENT OPERATOR	Hours	5.5	93.00	511.50
24-NOV-14	Leiataua, Alapati Satele	Over Time	EQUIPMENT OPERATOR	Hours	2	93.00	186.00
24-NOV-14	Pollock, Charles L.	Regular Time	RESOURCE COORDINATOR	Hours	1	57.00	57.00
25-NOV-14	Palermo, Frank	Over Time	EQUIPMENT OPERATOR	Hours	2.5	93.00	232.50
25-NOV-14	Palermo, Frank	Regular Time	EQUIPMENT OPERATOR	Hours	8	62.00	496.00
25-NOV-14	Heatherly, Jake	Regular Time	RESOURCE COORDINATOR	Hours	1	57.00	57.00
25-NOV-14	Leiataua, Alapati Satele	Regular Time	EQUIPMENT OPERATOR	Hours	1	62.00	62.00
25-NOV-14	Ranahan, Mark J	Regular Time	TECHNICIAN/HAZ WOPER	Hours	1	48.00	48.00

Sub Total

2,975.00

MATERIAL

Date	Name/Item(s)	Description	Billing Code	UOM	Qty	Rate	Amount
06-OCT-14	M852 MILEAGE - COMMERCIAL	2144		Mile	67	0.95	63.65
06-OCT-14	M103 ROLL OFF BOX LINER			Each	1	32.00	32.00
10-OCT-14	M852 MILEAGE - COMMERCIAL	3286		Mile	92	0.95	87.40
10-OCT-14	M103 ROLL OFF BOX LINER			Each	1	32.00	32.00
31-OCT-14	ADLER TANK RENTALS LLC	INV 4068051 10.31.14		Currency	630.72		756.86
24-NOV-14	M852 MILEAGE - COMMERCIAL	2144		Mile	333	0.95	316.35
24-NOV-14	M852 MILEAGE - COMMERCIAL	2210		Mile	22	0.95	20.90
25-NOV-14	M852 MILEAGE - COMMERCIAL	2144		Mile	348	0.95	330.60
25-NOV-14	M852 MILEAGE - COMMERCIAL	2210		Mile	22	0.95	20.90

Sub Total

1,660.66

RENTAL EQUIPMENT

Date	Name/Item(s)	Description	Billing Code	UOM	Qty	Rate	Amount
30-NOV-14	ADLER TANK RENTALS LLC	INV 4073930 11.30.14		Currency	683.28		819.94

Sub Total

819.94

SUBCONTRACTOR

Date	Name/Item(s)	Description	Billing Code	UOM	Qty	Rate	Amount
01-DEC-14	WASTE MANAGEMENT	INV 0029022-1048-9		Currency	1050.87		1,261.04



INVOICE DETAILS SHEET

JOB NO 87116

INVOICE NO 615519

Page No

3/3

		12.1.14					
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Sub Total

1,261.04

EQUIPMENT

Date	Name/Item(s)	Description	Billing Code	UOM	Qty	Rate	Amount
06-OCT-14	7001 TRACTOR DIESEL	2144		Hours	4	40.00	160.00
06-OCT-14	6015 TRAILER ROCKET LAUNCHER	3286		Hours	4	36.00	144.00
10-OCT-14	7001 TRACTOR DIESEL	2144		Hours	4.5	40.00	180.00
10-OCT-14	6015 TRAILER ROCKET LAUNCHER	3286		Hours	4.5	36.00	162.00
24-NOV-14	7001 TRACTOR DIESEL	2155		Hours	13.5	40.00	540.00
24-NOV-14	6015 TRAILER ROCKET LAUNCHER	3286		Hours	13.5	36.00	486.00
24-NOV-14	7019 TRUCK ROLLOFF BOBTAIL	2210		Hours	2	71.00	142.00
25-NOV-14	7001 TRACTOR DIESEL	2144		Hours	13.5	40.00	540.00
25-NOV-14	6015 TRAILER ROCKET LAUNCHER	3286		Hours	13.5	36.00	486.00
25-NOV-14	7019 TRUCK ROLLOFF BOBTAIL	2210		Hours	1	71.00	71.00

Sub Total

2,911.00

Grand Total

9,627.64



INVOICE

GREATER WENATCHEE LANDFILL
191 WEBB RD
EAST WENATCHEE, WA 98802
509-884-2802



Custo : NRC ENVIRONMENTAL SERVICES INC
Online WM ezPay ID: 00014-34218-33002
Invoice Date: 12/01/2014
Invoice Number: 0029022-1048-9
Account Number: 740-0508468-1048-4
Due Date: Due Upon Receipt

Total Current Charges	Total Amount Due
1,050.87	1,050.87

Account Summary

Description	
Previous Balance	0.00
Total Credits and Adjustments	0.00
Total Payments Received	0.00
Total Current Charges	1,050.87
Total Amount Due	1,050.87
Total Amount Past Due	0.00

Please pay total amount due. Thank you for your business.



Service Period: NOVEMBER 2014

Description	Amount
Landfill	1,050.87
Total Current Charges	1,050.87

Open for service on all holidays except Christmas and New Years Day.

If full payment of the invoiced amount is not received on or before the invoice due date, you will be charged a monthly late fee of 2.5% of the unpaid amount, with a minimum monthly charge of \$5.00, or such late fee allowed under applicable law, regulation or contract. Additionally, if your service is suspended for non-payment, you may be charged a resume fee to restart your service. For each returned check, a fee will be assessed on your next billing equal to the maximum amount permitted by applicable state law.

Use your iPhone or Android mobile device to manage your account, pay your bill, and schedule a roll-off pickup, similar to wm.com. More at wm.com/GoMobile.

PO # 27315
Job # 87116
Waste Management

Current Due	Over 30	Over 60	Over 90	Over 120	Total Due
1,050.87	0.00	0.00	0.00	0.00	1,050.87

Dohearty
\$1050.87

GREATER WENATCHEE LANDFILL
191 WEBB RD
EAST WENATCHEE, WA 98802
509-884-2802

Payment Coupon

Please detach and send with checks only (no cash).
Please send all other correspondence to your local WM site.

Your Account Number
740-0508468-1048-4
Invoice Date
12/01/2014
Your Invoice Number
0029022-1048-9

To pay this bill online and switch to paperless billing, go to wm.com/paperless

Due Date	Total Due	Amount Paid
Upon Receipt	1,050.87	

10487400508468000290220000010508700000105087 4

0020359 01 MB 0.432 **AUTO T7 0 7336 98108-506725 -C01-P20379-I 11391L68
NRC ENVIRONMENTAL SERVICES INC
9520 10TH AVE S STE 150
SEATTLE WA 98108-5067

GREATER WENATCHEE LANDFILL
PO BOX 541065
LOS ANGELES CA 90054-1065

From everyday collection to environmental protection, Think Green.® Think Waste Management.

FOR CHANGE OF ADDRESS OR ANY SERVICE ISSUES CONTACT NUMBER ON PAGE 1





Greater Wenatchee Regional Landfill
 191 Webb Road
 Wenatchee, WA, 98802

Original
 Ticket# 720153

Ph: (509) 894-2802

Customer Name NRC 109279WA NRC ENVIRONMENTAL Carrier NRC
 Ticket Date 11/25/2014 Vehicle# 2144 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0500469
 Destination Grid

PO#	Time	Scale	Operator	Inbound	Gross	Volume
In	11/25/2014 11:38:09	Inbound	cmorris		Tare	76520 lb
Out	11/25/2014 12:35:11	Outbound	cmorris		Net	42540 lb
					Tons	33980 lb
						16.99

Comments

I acknowledge I have no hazardous materials.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste Solid Oth-Tons-S	100	16.99	Tons	26.00	15.90	\$441.74	KING
2 CDHD FEE-Chelan Douglas	100	16.99	Tons	1.00		\$16.99	KING
3 FEA-FUEL, ENV, ADMIN	100	16.99	Tons	4.55		\$77.30	KING

Total Tax \$15.90
 Total Ticket \$551.93

Driver's Signature



191 Webb Road
Wenatchee, WA, 98802

Ticket# 720072
PH: (509) 884-2802

Customer Name NRC 109279WA NRC ENVIRONMENTAL Carrier NRC
 Ticket Date 11/24/2014 Vehicle# 2144
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0508468
 Destination Grid
 PO#

Volume
 68900 lb
 42800 lb
 26100 lb
 13.05

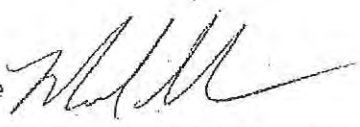
	Time	Scale	Operator	Inbound	Gross	
In	11/24/2014 13:47:40	Inbound	janelle		Tare	42800 lb
Out	11/24/2014 14:33:15	Outbound	janelle		Net	26100 lb
					Tons	13.05

Comments

I acknowledge I have no hazardous materials.

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste Solid Oth-Tons-S	100	13.05	Tons	26.00	12.21	\$339.30	KING
2 CDHD FEE-Chelan Douglas	100	13.05	Tons	1.00		\$13.05	
3 FEA-FUEL, ENV, ADMIN	100	13.05	Tons	4.55		\$59.38	

Total Tax \$12.21
 Total Ticket \$423.94

Driver's Signature 
 203WM



Remit to:
 Adler Tank Rentals
 P.O. Box 45081
 San Francisco, CA 94145-0081

Invoice

Invoice: 4073930
 Contract: 117960
 Customer PO: 25806
 Invoice Date: 30-NOV-14

Customer Information

NRC Environmental Services
 Attn: Accounts Payable
 9520 10th Ave. S. Ste 150
 Seattle, WA 98108-5067

Questions about this invoice?

Contact Name: ATR-Ginger Allman
 Email: ginger.allman@mgrc.com
 Phone: 281-715-2023
 Fax: 866-431-3255
 All Other Inquiries: 509-724-6797
 Salesperson: Ross Fricke
 Branch: Tacoma, WA

Location:
 2116 4th Ave. South
 Seattle, WA 98134

Asset #	Description	Tax	Qty	Days	Price Per	Total
PT3019	20 Yd Poly-Lid Box - Rent 11/01/2014 to 11/26/2014	Y	1	26	12.00	312.00
PT1435	20 Yd Poly-Lid Box - Rent 11/01/2014 to 11/26/2014	Y	1	26	12.00	312.00
Sub Total:						\$624.00
Taxes:						\$59.28
Remit Total:						\$683.28

SPECIAL INSTRUCTIONS

*PO # 25806
 Job # 87116
 Path America
 Dehery
 \$683.28 Line #2*

TERMS: NET DUE UPON RECEIPT

This transaction is subject to the terms and conditions of Adler Tank Rentals.

FOR PROPER CREDIT - PLEASE DETACH AND RETURN WITH PAYMENT TO THE REMIT TO ADDRESS ABOVE.

REMITTANCE COPY for NRC Environmental Services

Amount enclosed \$ _____
 Please explain if the amount is different from the invoice amount:



Account: 51297
 Invoice: 4073930
 Contract: 117960
 Invoice Date: 30-NOV-14
 Remit Total: \$683.28

Thank you for the opportunity to serve you. We appreciate your business.



Remit to:
Adler Tank Rentals
 P.O. Box 45081
 San Francisco, CA 94145-0081

Invoice

Invoice: 4068051
 Contract: 117960
 Customer PO: 25806
 Invoice Date: 31-OCT-14

Customer Information

Nrc Environmental Services
 Attn: Accounts Payable
 9520 10th Ave. S. Ste 150
 Seattle, WA 98108-5067

Questions about this invoice?

Contact Name: ATR-Ginger Allman
 Email: ginger.allman@mgrc.com
 Phone: 281-715-2023
 Fax: 866-431-3255
 All Other Inquiries: 509-724-6797
 Salesperson: Ross Fricke

Location:
 2116 4th Ave. South
 Seattle, WA 98134

Asset #	Description	Tax	Days/Qty	Price Per	Total
PT3019	20 Yd Poly-Lid Box - Rent 10/06/2014 to 10/31/2014	Y	26	12.00	312.00
PT1435	20 Yd Poly-Lid Box - Rent 10/10/2014 to 10/31/2014	Y	22	12.00	264.00
				Sub Total:	\$576.00
				Taxes:	\$54.72
				Remit Total:	\$630.72

SPECIAL INSTRUCTIONS

PO# 25806
 Job# 87116
 Path America
 Doherty



TERMS: NET DUE UPON RECEIPT

This transaction is subject to the terms and conditions of Adler Tank Rentals.

FOR PROPER CREDIT - PLEASE DETACH AND RETURN WITH PAYMENT TO THE REMIT TO ADDRESS ABOVE.

REMITTANCE COPY for Nrc Environmental Services

Amount enclosed \$ _____
 Please explain if the amount is different from the invoice amount:

Account: 51297
 Invoice: 4068051
 Contract: 117960
 Invoice Date: 31-OCT-14
Remit Total: \$630.72



Thank you for the opportunity to serve you. We appreciate your business.

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

NRC 9520 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. 67383

Carrier NRC SCAC _____ Carrier's No. 2144

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations:

at _____, date 11-24-14 from 2116 4th Ave Seattle Wa.

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Waste Management
Consignee 191 Webb Rd.
Street
Destination Wenatchee Wa. Zip 98802

FROM: Path America
Shipper
Street 2116 4th Ave
Origin Seattle Wa. Zip

Route _____
Delivering Carrier NRC Vehicle Number 2144 U.S. DOT Hazmat Reg. Number _____

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 Rolloff Box			Material Not Regulated			13.05	TON	
			By DOT					
			(Dirt)					
			Job # 87116					
			P.O. # 27315					

Remit COD to: _____
Address: _____
City: _____ State: _____ Zip: _____

Subject to Section 7 of 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.

COD AMT: \$ _____
COD FEE: Prepaid Collect \$ _____

TOTAL CHARGES: \$ _____
FREIGHT CHARGES: Prepaid Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

PLACARDS REQUIRED BY SHIPPER BY CARRIER

DRIVER'S SIGNATURE: _____

SHIPPER: Path America CARRIER: NRC
PER: _____ DATE: 11/25/14 PER: Mark Ranahan DATE: 11-24-14

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 33-spill

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).