GeoEngineers
1101 South Fawcett Avenue, Suite 200
Tacoma, Washington 98402
253.383.4940

September 19, 2023

Washington State Department of Ecology
Toxics Cleanup Program
3190 160th Avenue SE
Bellevue, Washington 98008-5452

Attention: Donna Musa

Subject: MTCA Notification of Remedial Actions Performed at the following Property:

King County Tax Parcel ID: 066288TRCT
Sound Transit – East Link E320 (EL150)
Property Adjacent to Bellefield Office Park
Ecology FSID #94112753
1504 112th Avenue SE
Bellevue, Washington 98004
GeoEngineers File No. 4082-071-00

INTRODUCTION

This letter provides notification to the Washington State Department of Ecology (Ecology) of remedial actions performed during construction of the East Link light rail adjacent to the Bellefield Office Park located at 1504 112th Avenue SE in Bellevue, Washington. Bellefield Office Park is a listed contaminated site (Ecology Facility Site ID #94112753). Ecology issued a No Further Action for the Bellefield Office Park property in 1996 subject to a Restrictive Covenant.

The remedial actions summarized in attached reports were conducted in accordance with the Restrictive Covenant. This notification is submitted in accordance with reporting requirements of Model Toxics Control Act (MTCA) Washington Administrative Code (WAC) 173-340-300.

BACKGROUND

Supporting documents attached to this letter include the following:

- Independent Remedial Action Report, Alcove Creek (EL150), East of 112th Avenue SE and South of SE 15th Street, Bellevue, Washington. Prepared by INNOVEX Environmental Management, March 15, 2019.

- Independent Remedial Action Report, Alcove Creek (EL150) – Addendum #1, East of 112th Avenue SE and South of SE 15th Street, Bellevue, Washington. Prepared by INNOVEX Environmental Management, October 29, 2019.

Independent remedial actions performed during construction of the East Link light rail on the parcel included excavation and offsite disposal of impacted and contaminated soil in the known contaminated and impacted areas south of the Alcove Creek outfall. The remedial actions resulted in the removal of 799.26 tons of contaminated soil and 159.39 tons of impacted soil from the site. Actions were completed in accordance with the Restrictive Covenant and are documented in the attached reports.

Sincerely,
GeoEngineers, Inc.

Marsi M. Beeson
Senior Environmental Scientist

Dana L. Carlisle PE
Principal

MMB:DLC:ch

Attachments:
Independent Remedial Action Report, Alcove Creek (EL150), East of 112th Avenue SE and South of SE 15th Street, Bellevue, Washington. Prepared by INNOVEX Environmental Management, March 15, 2019
Independent Remedial Action Report, Alcove Creek (EL150) – Addendum #1, East of 112th Avenue SE and South of SE 15th Street, Bellevue, Washington. Prepared by INNOVEX Environmental Management, October 29, 2019

cc:
Ross Stainsby, Sr. Environmental Planner, Sound Transit

Independent Remedial Action Report, Alcove Creek (EL150), East of 112th Avenue SE and South of SE 15th Street, Bellevue, Washington. Prepared by INNOVEX Environmental Management, March 15, 2019

Independent Remedial Action Report
Alcove Creek (EL150)
East of 112th Avenue SE and
South of SE 15th Street
Bellevue, Washington

Sound Transit Contract RTA/CN 0063-15
E320 South Bellevue

March 15, 2019

Prepared For:

Sound Transit
Heritage Park Field Office
13427 NE 16th Street, Suite 200A
Bellevue, WA 98005

Prepared By:

INNOVEX
ENVIRONMENTAL MANAGEMENT, INC.

16310 80th Street NE
Suite 300
Redmond, WA 98052
www.innovex.net

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal is affixed below.

Prepared by Colin Duffy, Environmental Scientist

Reviewed by Glenn A. Hayman, LHg

Approved by Peter Battuello, LG, LHg

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ACRONYMS AND ABBREVIATIONS

cPAH	carcinogenic polycyclic aromatic hydrocarbons
CUL	cleanup level
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
INNOVEX	INNOVEX Environmental Management, Inc.
mg/kg	milligrams per kilogram
MTCA	Model Toxics Control Act Cleanup Regulation
NFA	No Further Action
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
SVOCs	semivolatile organic compounds
TEC	toxicity equivalency concentration
TPH-d	diesel range hydrocarbons
TPH-g	gasoline range hydrocarbons
TPH-o	oil range hydrocarbons
VOCs	volatile organic compounds

1.0 INTRODUCTION

Sound Transit, officially the Central Puget Sound Regional Transit Authority, is a public transit agency serving the Seattle metropolitan area in Washington State. Beginning in 2015, Sound Transit commenced construction on the East Link light rail corridor through Bellevue, Washington. This project is divided into four segments referred to as E320, E330, E335, and E340. As part of the project, Sound Transit acquired several parcels of property and performed demolition and cleanup of environmental contaminants as necessary to construct the project.

This report documents the Independent Remedial Action completed by Sound Transit to address contaminated soil encountered at the Alcove Creek outfall area of King County tax parcel 066288TRCT, located east of 112th Avenue SE and south of SE 15th Street in Bellevue, Washington ("the Site"). The location of the Site is shown on Figure 1.

The Site is located within the Bellefield Office Park property which is listed as a contaminated site (Facility Site ID: #94112753) by The Washington State Department of Ecology (Ecology). Contaminants remain on the property at concentrations greater than applicable Washington State Model Toxics Control Act (MTCA) Cleanup Levels (CULs). Ecology issued a No Further Action (NFA) determination for the property in 1996. The NFA required adherence to a Restrictive Covenant to ensure that contaminants are controlled and contained. The Restrictive Covenant is included as Appendix E.

The Site is part of what is identified in Sound Transit construction documents as parcel EL150, which is part of the E320 segment being constructed under Sound Transit Contract No. RTA/CN 0063-15. INNOVEX Environmental Management, Inc. (INNOVEX) conducted activities related to the remedial action and prepared this report as a subcontractor to Sound Transit's prime contractor, HDR.

The Independent Remedial Action was performed in a manner generally consistent with requirements of the MTCA Cleanup Regulation (Ecology, 2007), including section 173-340-515 (independent remedial actions). This report provides information consistent with section 173-340-300 (site discovery and reporting). However, in accordance with our contract, the scope of the remedial action was limited to soil conditions only, and only to the extent necessary for completion of the light rail project.

1.1 Background Information

A Phase I Environmental Site Assessment (ESA) conducted at the Site indicated that contaminated fill and debris were identified on the property in the 1990s due to the placement of fill in the 1970s (GeoEngineers, 2014). The fill reportedly included wood, roofing materials, and other construction debris from residences demolished during construction of Interstate 405. The Phase I identified petroleum hydrocarbons, polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs) as contaminants in the fill.

An ESA Data Report prepared for the Site identified that the carcinogenic PAH (cPAH) toxicity equivalent concentration (TEC) exceeded the applicable CUL in fill material at the Site (GeoEngineers Inc., 2015).

1.2 Objectives

The objectives of the work described in this report were to remove contaminated soil encountered during excavation activities, document the independent remedial action, and analyze soil conditions following completion of the remedial actions. INNOVEX completed the following tasks to meet these objectives:

- Observed and summarized remedial actions
- Collected representative soil samples for laboratory analysis
- Compared soil sample analytical results to applicable regulatory criteria

Selected photographs taken during the Site activities are provided in Appendix A.

1.3 Cleanup Levels

The CULs specified in the MTCA Cleanup Regulation (Ecology, 2007) were used to evaluate analytical results. Detected analyte concentrations in soil were compared to MTCA Method A Soil CULs for Unrestricted Land Uses, if available. For analytes not listed as having Method A CULs, detected concentrations were compared to MTCA Method B Soil CULs based on direct contact. The MTCA CULs used to evaluate each detected analyte are included with analytical results provided in Table 1.

In this report, soil with detected analyte concentrations below MTCA CULs is referred to as impacted, and soil with analyte concentrations above MTCA CULs is referred to as contaminated.

2.0 INDEPENDENT REMEDIAL ACTION

This independent remedial action included the following activities:

- Excavation and offsite disposal of impacted/contaminated soil
- Confirmation soil sampling

2.1 Soil Removal

Sound Transit's E320 contractor, KLB Construction, Inc. initially excavated in the known contaminated area around the Alcove Creek outfall on July 31, and August 1, 2017. The initial excavation extended to approximately 2 feet below the adjacent road grade. From September 11 to 14, 2017 excavation activities resumed in the western and southwestern portions of the known contaminated area. The excavation in this area extended to approximately 4 feet below the adjacent road grade.

The location and extent of known contamination is shown on Figure 2. INNOVEX was onsite to ensure proper soil segregation and to collect final grade samples. Dark stained soil and a large

amount of woody and metal debris were observed during the excavation. Debris was segregated and stockpiled separately. Potentially contaminated soil was staged onsite pending characterization for offsite disposal.

Excavated soil was loaded into trucks for offsite disposal. A total of 197.51 tons of soil was removed from the Site and transported to Republic Services regional transfer facility in Seattle, Washington for disposal. Soil disposal tickets are provided in Appendix D.

2.2 Remediation Soil Sampling and Analysis

INNOVEX collected a total of four confirmation soil samples at the completion of the excavation activities document final grade conditions. The sampling locations are shown on Figure 2.

Soil samples were collected using a disposable spoon in accordance with the Sampling and Analysis Plan prepared for this project (INNOVEX, 2018). Soil samples were placed into laboratory-supplied containers, labeled, and immediately placed in a cooler with ice. Samples were delivered under standard chain-of-custody procedures to OnSite Environmental, Inc., a Washington State-accredited laboratory located in Redmond, Washington. Soil samples were submitted for one or more of the following analyses:

- Gasoline range hydrocarbons (TPH-g) using Method NWTPH-G
- Diesel range hydrocarbons (TPH-d) and oil range hydrocarbons (TPH-o) using Method NWTPH-Dx
- Volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 8260
- Semivolatile organic compounds (SVOCs) using EPA Method 8270 SIM
- PCBs using EPA Method 8082
- Priority Pollutant Metals using EPA Methods 6010C and 6020A

Analytical results for the four confirmation samples represent concentrations in soil remaining in place at the Site. One of the soil samples contained a concentration of one cPAH (benzo(a)pyrene, detected at 0.11 milligrams per kilogram [mg/kg]) that is slightly above the applicable MTCA CUL (0.1 mg/kg). The calculated cPAH TEC (0.15 mg/kg) for that sample was also slightly above the applicable MTCA CUL (0.1 mg/kg). Other analytes in the soil samples were either not detected or were below applicable MTCA CULs.

Analyte concentrations detected in the soil samples INNOVEX collected at the Site are summarized in Table 1. The laboratory reports are provided in Appendix B. The TEC calculations are provided in Appendix C.

2.3 Site Disposition

Excavation at the Site was conducted between July 31 and September 14, 2017. After removal of contaminated soil was completed to the extent required by project construction requirements, the remaining contaminated soil at the Site was subject to improvement via deep soil mixing with concrete.

3.0 CONCLUSIONS

The following conclusions are supported by the activities described above:

- The Independent Remedial Action implemented by Sound Transit resulted in removal of 197.51 tons of contaminated or impacted soil from the Site.
- The Independent Remedial Action was completed consistent with the requirements of the Restrictive Covenant.
- Analysis of confirmation soil samples indicates that the concentration of cPAHs remaining in place at the Site is slightly above the applicable MTCA CUL.
- Groundwater was not encountered and no assessment of groundwater was completed as part of this Independent Remedial Action.

4.0 LIMITATIONS

This report is for the exclusive use of Sound Transit and its representatives. INNOVEX prepared this report in a professional manner, using that level of skill and care normally exercised for similar projects under similar conditions by reputable and competent environmental consultants currently practicing in the area, and in accordance with the terms and conditions set forth in our contract and Sound Transit Contract RTA/CN 0063-15. INNOVEX is not responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. Also note that the facts and conditions referenced in this report may change over time and that the conclusions set forth here are applicable to the facts and conditions as described in this report. Conclusions were made within the operative constraints of the scope, budget, and schedule for this project. We believe that the conditions stated here are factual. No guarantee is made or implied. Any reliance on this report by a third party is at such party's sole risk.

5.0 REFERENCES

INNOVEX Environmental Management, Inc. 2018. Sampling and Analysis Plan, Sound Transit East Link Segments E320, E330, E335, and E340, Bellevue, Washington. July 16, 2018.

Washington State Department of Ecology. 2007. Model Toxics Control Act Cleanup Regulation, Chapter 173-340 Washington Administrative Code. Amended October 12, 2007.

GeoEngineers, Inc. 2014. Phase I Environmental Site Assessment, Sound Transit East Link E320, EL150 – Portions of King County Tax Parcel 066288TRCT, Bellefield Office Park, 112th Avenue SE/SE 15th Street, Bellevue, Washington. September 29, 2014.

GeoEngineers, Inc. 2015. Environmental Site Assessment Data Report, Sound Transit East Link Alignment E320, Parcels EL150/EL154/EL170, DWR #9 and DWR #12, Bellevue, Washington. July 30, 2015.

FIGURES

DESIGNED BY
Innovex Environmental
Colin Duffy
DRAWN BY
ICD
October 10, 2018

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N W E S

INNOVEX
ENVIRONMENTAL MANAGEMENT, INC.
16310 NE 80th St., Suite 300
Redmond, WA 98052
(800) 988-7880

LATTITUDE 47D 35M 51S NORTH
LONGITUDE 122D 11M 31S WEST

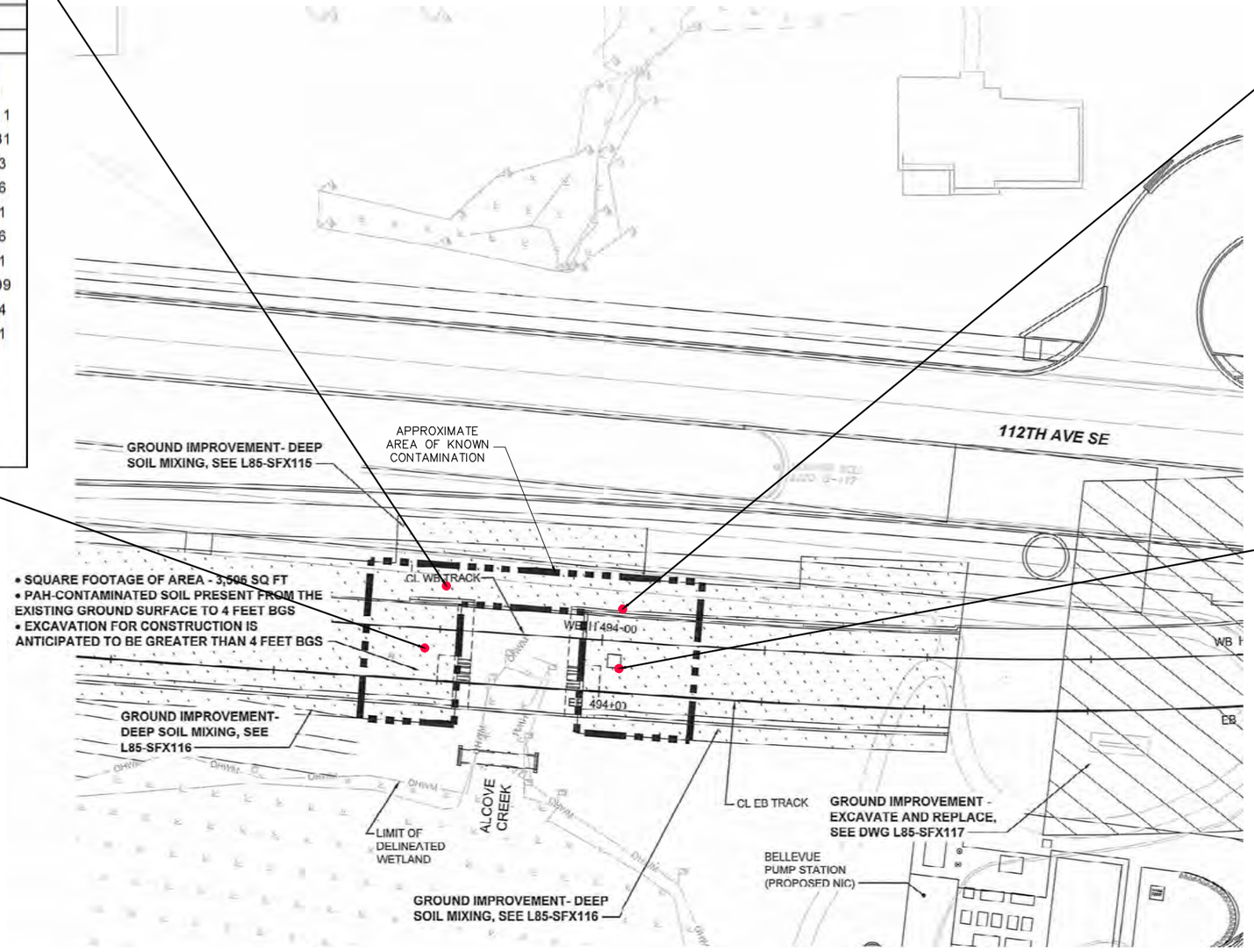
US GEOLOGICAL SURVEY - 2017
7.5 MINUTE QUADRANGLE MAP
MERCER ISLAND, WASHINGTON

FIGURE 1
Site Location Map
E320-EL150
ALCOVE CREEK EAST OF 112TH AVENUE SE AND SOUTH OF SE 15TH STREET
BELLEVUE, WASHINGTON

EL150_SITELOCATION.DWG

E320-EL150-170914-S01	
9/14/2017	
Depth (feet bgs)	4
TPH-d	33
TPH-o	170
Tetrachloroethene	0.0011
Phenanthrene	0.0081
Fluoranthene	0.013
Pyrene	0.016
Chrysene	0.011
Benzo(b)fluoranthene	0.016
Benzo(a)pyrene	0.011
Indeno(1,2,3-cd)pyrene	0.0099
cPAH TEC	0.014
Benzo(g,h,i)perylene	0.011
Chromium	20
Copper	9.8
Lead	20
Nickel	20
Zinc	70

E320-EL150-170731-S01	
7/31/2017	
Depth (feet bgs)	2
Acenaphthylene	0.011
Phenanthrene	0.031
Anthracene	0.0082
Fluoranthene	0.041
Pyrene	0.046
Benzo[a]anthracene	0.019
Chrysene	0.028
Benzo[b]fluoranthene	0.036
Benzo(j,k)fluoranthene	0.010
Benzo[a]pyrene	0.026
Indeno(1,2,3-c,d)pyrene	0.025
cPAH TEC	0.035
Benzo[g,h,i]perylene	0.029



E320-EL150-170731-S02	
7/31/2017	
Depth (feet bgs)	2
Naphthalene	0.0088
2-Methylnaphthalene	0.0093
Acenaphthylene	0.056
Fluorene	0.0076
Phenanthrene	0.14
Anthracene	0.043
Fluoranthene	0.15
Pyrene	0.21
Benzo[a]anthracene	0.090
Chrysene	0.12
Benzo[b]fluoranthene	0.11
Benzo(j,k)fluoranthene	0.035
Benzo[a]pyrene	**0.11**
Indeno(1,2,3-c,d)pyrene	0.087
Dibenz[a,h]anthracene	0.017
cPAH TEC	**0.15**
Benzo[g,h,i]perylene	0.10

E320-EL150-170731-S03	
7/31/2017	
Depth (feet bgs)	2
Acenaphthylene	0.012
Phenanthrene	0.020
Anthracene	0.011
Fluoranthene	0.028
Pyrene	0.030
Benzo[a]anthracene	0.016
Chrysene	0.023
Benzo[b]fluoranthene	0.030
Benzo[a]pyrene	0.021
Indeno(1,2,3-c,d)pyrene	0.024
cPAH TEC	0.028
Benzo[g,h,i]perylene	0.027

LEGEND

●	SOIL SAMPLE LOCATION
TPH–d	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
TPH–o	TOTAL PETROLEUM HYDROCARBONS AS OIL
cPAH	CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBON
TEC	TOXIC EQUIVALENT CONCENTRATION
bgs	BELOW GROUND SURFACE
	ALL CONCENTRATIONS EXPRESSED IN MILLIGRAMS PER KILOGRAM (mg/kg)

SAMPLE RESULTS IN RED INDICATE AN EXCEEDANCE OF APPLICABLE CLEANUP LEVEL

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

DESIGNED BY

Innovex Environmental

Colin Duffy

DRAWN BY

ICD

March 14, 2019

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W N S E

INNOVEX ENVIRONMENTAL MANAGEMENT, INC.

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Redmond, WA 98052
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FIGURE 2
Soil Sample Location and Detected Analyte Results Map
E320-EL150
ALCOVE CREEK EAST OF 112TH AVENUE SE AND SOUTH OF SE 15TH STREET
BELLEVUE, WASHINGTON

E320 EL150_1804_3.DWG

TABLES

Table 1.
Analytical Results for Analytes Detected in Soil
Alcove Creek (EL150)

Sample Date	7/31/2017		7/31/2017		7/31/2017		9/14/2017		MTCA Cleanup Levels
Sample ID	E320-EL150-170731-S01		E320-EL150-170731-S02		E320-EL150-170731-S03		E320-EL150-170914-S01		
Sample Depth (feet bgs)	2		2		2		4		
TPH-d	--		--		--		33		2,000[a]
TPH-o	--		--		--		170		2,000[a]
Tetrachloroethene	--		--		--		0.0011		0.05[a]
Naphthalene	0.0070	U	0.0088		0.0085	U	0.0074	U	5.0[b]
2-Methylnaphthalene	0.0070	U	0.0093		0.0085	U	0.0074	U	320[b]
Acenaphthylene	0.011		0.056		0.012		0.0074	U	--
Fluorene	0.0070	U	0.0076		0.0085	U	0.0074	U	3,200[b]
Phenanthrene	0.031		0.14		0.020		0.0081		--
Anthracene	0.0082		0.043		0.011		0.0074	U	24,000[b]
Fluoranthene	0.041		0.15		0.028		0.013		3,200[b]
Pyrene	0.046		0.21		0.030		0.016		2,400[b]
Benzo(a)anthracene (cPAH)	0.019		0.090		0.016		0.0074	U	1.37[b]
Chrysene (cPAH)	0.028		0.12		0.023		0.011		137[b]
Benzo(b)fluoranthene (cPAH)	0.036		0.11		0.030		0.016		1.37[b]
Benzo(k)fluoranthene (cPAH)	0.010		0.035		0.0085	U	0.0074	U	13.7[b]
Benzo(a)pyrene (cPAH)	0.026		**0.11**		0.021		0.011		0.1[a]
Indeno(1,2,3-cd)pyrene (cPAH)	0.025		0.087		0.024		0.0099		1.37[b]
Dibenzo(a,h)anthracene (cPAH)	0.0070	U	0.017		0.0085	U	0.0074	U	0.137[b]
cPAH TEC	0.035		**0.15**		0.028		0.00037		0.1[a]
Benzo(g,h,i)perylene	0.029		0.10		0.027		0.011		--
Chromium	--		--		--		20		2000*[a]
Copper	--		--		--		9.8		3,200[b]
Lead	--		--		--		20		250[a]
Nickel	--		--		--		20		1,600[b]
Zinc	--		--		--		70		24,000[b]

Notes:

All values are reported in milligrams per kilogram (mg/kg).

Bold values exceed the listed cleanup level.

bgs = below ground surface

cPAHs = polycyclic aromatic hydrocarbons. benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2-cd)pyrene

MTCA = Model Toxics Control Act

TEC = Toxicity Equivalency Concentration

U = undetected at the laboratory reporting limit shown

*The listed cleanup level is for trivalent chromium. Detected chromium is presumed to be trivalent chromium.

[a] = MTCA Method A Cleanup Level (Unrestricted)

[b] = MTCA Method B Cleanup Level (Direct Contact)

-- = not analyzed or not applicable

APPENDIX A
Site Photographs

Alcove Creek (EL150)
Bellevue, Washington

Photograph 1

Date: July 31, 2017

Photographed by: Colin Duffy

Description: View of Northwest Portion of Contaminated Area at Final Grade

View Direction: North

Photograph 2

Date: July 31, 2017

Photographed by: Colin Duffy

Description: View of Debris Removed from Southern Portion of Contaminated Area

View Direction: North

Photograph 3

Date: September 14, 2017

Photographed by: Colin Duffy

Description: View of Southwest Portion of Contaminated Area at Final Grade

View Direction: North

APPENDIX B
Laboratory Analytical Reports

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

August 4, 2017

Collin Duffy
INNOVEX Environmental Mgt., Inc.
16310 NE 80th St., Suite 300
Redmond, WA 98052

Re: Analytical Data for Project 40300, E320-EL150
Laboratory Reference No. 1708-004

Dear Collin:

Enclosed are the analytical results and associated quality control data for samples submitted on August 1, 2017.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: August 4, 2017
Samples Submitted: August 1, 2017
Laboratory Reference: 1708-004
Project: 40300, E320-EL150

Case Narrative

Samples were collected on July 31, 2017 and received by the laboratory on August 1, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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.

Date of Report: August 4, 2017
Samples Submitted: August 1, 2017
Laboratory Reference: 1708-004
Project: 40300, E320-EL150

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170731-S01**					
Laboratory ID:	08-004-01					
Naphthalene	**ND**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Acenaphthylene	**0.011**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Acenaphthene	**ND**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Fluorene	**ND**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Phenanthrene	**0.031**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Anthracene	**0.0082**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Fluoranthene	**0.041**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Pyrene	**0.046**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[a]anthracene	**0.019**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Chrysene	**0.028**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[b]fluoranthene	**0.036**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo(j,k)fluoranthene	**0.010**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[a]pyrene	**0.026**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Indeno(1,2,3-c,d)pyrene	**0.025**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[g,h,i]perylene	**0.029**	0.0070	EPA 8270D/SIM	8-2-17	8-3-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*32 - 122*				
Pyrene-d10	*79*	*33 - 125*				
Terphenyl-d14	*97*	*36 - 118*				

Date of Report: August 4, 2017
Samples Submitted: August 1, 2017
Laboratory Reference: 1708-004
Project: 40300, E320-EL150

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170731-S03**					
Laboratory ID:	08-004-02					
Naphthalene	**0.0088**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
2-Methylnaphthalene	**0.0093**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Acenaphthylene	**0.056**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Acenaphthene	**ND**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Fluorene	**0.0076**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Phenanthrene	**0.14**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Anthracene	**0.043**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Fluoranthene	**0.15**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Pyrene	**0.21**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[a]anthracene	**0.090**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Chrysene	**0.12**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[b]fluoranthene	**0.11**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo(j,k)fluoranthene	**0.035**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[a]pyrene	**0.11**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Indeno(1,2,3-c,d)pyrene	**0.087**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Dibenz[a,h]anthracene	**0.017**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[g,h,i]perylene	**0.10**	0.0073	EPA 8270D/SIM	8-2-17	8-3-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*32 - 122*				
Pyrene-d10	*80*	*33 - 125*				
Terphenyl-d14	*106*	*36 - 118*				

Date of Report: August 4, 2017
Samples Submitted: August 1, 2017
Laboratory Reference: 1708-004
Project: 40300, E320-EL150

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170731-S02**					
Laboratory ID:	08-004-03					
Naphthalene	**ND**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
2-Methylnaphthalene	**ND**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
1-Methylnaphthalene	**ND**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Acenaphthylene	**0.012**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Acenaphthene	**ND**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Fluorene	**ND**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Phenanthrene	**0.020**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Anthracene	**0.011**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Fluoranthene	**0.028**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Pyrene	**0.030**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[a]anthracene	**0.016**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Chrysene	**0.023**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[b]fluoranthene	**0.030**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo(j,k)fluoranthene	**ND**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[a]pyrene	**0.021**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Indeno(1,2,3-c,d)pyrene	**0.024**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Dibenz[a,h]anthracene	**ND**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Benzo[g,h,i]perylene	**0.027**	0.0085	EPA 8270D/SIM	8-2-17	8-3-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*32 - 122*				
Pyrene-d10	*61*	*33 - 125*				
Terphenyl-d14	*83*	*36 - 118*				

Date of Report: August 4, 2017
Samples Submitted: August 1, 2017
Laboratory Reference: 1708-004
Project: 40300, E320-EL150

PAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0802S1					
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	8-2-17	8-2-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*32 - 122*				
Pyrene-d10	*83*	*33 - 125*				
Terphenyl-d14	*97*	*36 - 118*				

Date of Report: August 4, 2017
Samples Submitted: August 1, 2017
Laboratory Reference: 1708-004
Project: 40300, E320-EL150

PAHs EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0802S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0691**	**0.0672**	0.0833	0.0833	83	81	58 - 114	3	18	
Acenaphthylene	**0.0744**	**0.0752**	0.0833	0.0833	89	90	54 - 127	1	15	
Acenaphthene	**0.0686**	**0.0710**	0.0833	0.0833	82	85	58 - 119	3	15	
Fluorene	**0.0738**	**0.0716**	0.0833	0.0833	89	86	60 - 123	3	15	
Phenanthrene	**0.0735**	**0.0711**	0.0833	0.0833	88	85	54 - 120	3	15	
Anthracene	**0.0772**	**0.0760**	0.0833	0.0833	93	91	55 - 152	2	15	
Fluoranthene	**0.0751**	**0.0733**	0.0833	0.0833	90	88	56 - 129	2	15	
Pyrene	**0.0754**	**0.0733**	0.0833	0.0833	91	88	60 - 126	3	15	
Benzo[a]anthracene	**0.0765**	**0.0761**	0.0833	0.0833	92	91	56 - 137	1	15	
Chrysene	**0.0773**	**0.0743**	0.0833	0.0833	93	89	59 - 122	4	15	
Benzo[b]fluoranthene	**0.0760**	**0.0785**	0.0833	0.0833	91	94	46 - 133	3	21	
Benzo(j,k)fluoranthene	**0.0757**	**0.0716**	0.0833	0.0833	91	86	47 - 129	6	21	
Benzo[a]pyrene	**0.0769**	**0.0751**	0.0833	0.0833	92	90	54 - 132	2	15	
Indeno(1,2,3-c,d)pyrene	**0.0794**	**0.0772**	0.0833	0.0833	95	93	54 - 129	3	15	
Dibenz[a,h]anthracene	**0.0774**	**0.0753**	0.0833	0.0833	93	90	59 - 122	3	15	
Benzo[g,h,i]perylene	**0.0776**	**0.0760**	0.0833	0.0833	93	91	57 - 125	2	16	
Surrogate:										
2-Fluorobiphenyl					*83*	*83*	*32 - 122*			
Pyrene-d10					*87*	*85*	*33 - 125*			
Terphenyl-d14					*96*	*95*	*36 - 118*			

Date of Report: August 4, 2017
Samples Submitted: August 1, 2017
Laboratory Reference: 1708-004
Project: 40300, E320-EL150

% MOISTURE

Date Analyzed: 8-2-17

Client ID	Lab ID	% Moisture
E320-EL150-170731-S01	08-004-01	5
E320-EL150-170731-S03	08-004-02	9
E320-EL150-170731-S02	08-004-03	22

OnSite Environmental Inc.

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-napthalene) 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

Chain of Custody

Page 1 of 1

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

Company: INNOVEX
Project Number: 40300
Project Name: E320-EL150
Project Manager: C. Duffy
Sampled by: COD

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 08-004

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	E320-EL150-170731-501	7/31/17	1015	SO	2									X												X
2	E320-EL150-~~170731~~ 170731-503	↓	1425	SO	2									X												↓
3	E320-EL150-170731-502	↓	1420	SO	2									X												↓

	Signature	Company	Date	Time
Relinquished		INNOVEX COC	~~7/31~~ 8/1/17	1040
Received			8/1/17	1040
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

email liz.kendall@innovex.net

EDD

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

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

September 21, 2017

Glenn Hayman
INNOVEX Environmental Mgt., Inc.
16310 NE 80th St., Suite 300
Redmond, WA 98052

Re: Analytical Data for Project 40300
Laboratory Reference No. 1709-161

Dear Glenn:

Enclosed are the analytical results and associated quality control data for samples submitted on September 14, 2017.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

Case Narrative

Samples were collected on September 14, 2017 and received by the laboratory on September 14, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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.

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170914-S01**					
Laboratory ID:	09-161-01					
Gasoline	**ND**	5.7	NWTPH-Gx	9-15-17	9-15-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*104*	*63-124*				

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0915S2					
Gasoline	**ND**	5.0	NWTPH-Gx	9-15-17	9-15-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*63-124*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-171-02										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*104*	*108*	*63-124*			

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170914-S01**					
Laboratory ID:	09-161-01					
Diesel Range Organics	**33**	28	NWTPH-Dx	9-20-17	9-21-17	N
Lube Oil Range Organics	**170**	56	NWTPH-Dx	9-20-17	9-21-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*119*	*50-150*				

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0920S3					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-20-17	9-21-17	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-20-17	9-21-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*111*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-161-01										
	ORIG	DUP									
Diesel Range Organics	**29.9**	**29.9**	NA	NA		NA		NA	0	NA	
Lube Oil Range Organics	**156**	**115**	NA	NA		NA		NA	30	NA	
Surrogate:											
o-Terphenyl						*119*	*82*	*50-150*			

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

VOLATILES EPA 8260C
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170914-S01**					
Laboratory ID:	09-161-01					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chloromethane	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromomethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chloroethane	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Acetone	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Iodomethane	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Methylene Chloride	ND	0.0084	EPA 8260C	9-14-17	9-14-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Vinyl Acetate	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Butanone	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Bromochloromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chloroform	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Benzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Trichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Dibromomethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Chloroethyl Vinyl Ether	ND	0.0074	EPA 8260C	9-14-17	9-14-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Toluene	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

VOLATILES EPA 8260C
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170914-S01**					
Laboratory ID:	09-161-01					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Tetrachloroethene	0.0011	0.0010	EPA 8260C	9-14-17	9-14-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Hexanone	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Ethylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
m,p-Xylene	ND	0.0020	EPA 8260C	9-14-17	9-14-17	
o-Xylene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Styrene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromoform	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	9-14-17	9-14-17	
Naphthalene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*73-134*				
Toluene-d8	*105*	*81-124*				
4-Bromofluorobenzene	*89*	*80-131*				

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

VOLATILES 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:	MB0914S2					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chloromethane	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromomethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chloroethane	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Acetone	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Iodomethane	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Methylene Chloride	ND	0.0083	EPA 8260C	9-14-17	9-14-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Butanone	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Bromochloromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chloroform	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Benzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Trichloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Dibromomethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Chloroethyl Vinyl Ether	ND	0.0073	EPA 8260C	9-14-17	9-14-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Toluene	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	

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VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0914S2					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Hexanone	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Chlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Ethylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
m,p-Xylene	ND	0.0020	EPA 8260C	9-14-17	9-14-17	
o-Xylene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Styrene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromoform	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Bromobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	9-14-17	9-14-17	
Naphthalene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	9-14-17	9-14-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*73-134*				
Toluene-d8	*114*	*81-124*				
4-Bromofluorobenzene	*106*	*80-131*				

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

VOLATILES EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0914S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0383**	**0.0372**	0.0500	0.0500	77	74	66-127	3	15	
Benzene	**0.0451**	**0.0445**	0.0500	0.0500	90	89	76-122	1	15	
Trichloroethene	**0.0463**	**0.0464**	0.0500	0.0500	93	93	78-120	0	15	
Toluene	**0.0472**	**0.0474**	0.0500	0.0500	94	95	83-120	0	15	
Chlorobenzene	**0.0495**	**0.0509**	0.0500	0.0500	99	102	81-120	3	15	
Surrogate:										
Dibromofluoromethane					*99*	*100*	*73-134*			
Toluene-d8					*100*	*98*	*81-124*			
4-Bromofluorobenzene					*94*	*95*	*80-131*			

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

SEMIVOLATILES EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170914-S01**					
Laboratory ID:	09-161-01					
n-Nitrosodimethylamine	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Pyridine	**ND**	0.37	EPA 8270D	9-15-17	9-16-17	
Phenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Aniline	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2-Chlorophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Benzyl alcohol	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
n-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Hexachloroethane	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Nitrobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Isophorone	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2-Nitrophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Naphthalene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
4-Chloroaniline	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
Hexachlorobutadiene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2-Methylnaphthalene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2-Chloronaphthalene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2-Nitroaniline	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Dimethylphthalate	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Acenaphthylene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
3-Nitroaniline	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

SEMIVOLATILES EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170914-S01**					
Laboratory ID:	09-161-01					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
Acenaphthene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
4-Nitrophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Dibenzofuran	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Diethylphthalate	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
4-Nitroaniline	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Fluorene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
n-Nitrosodiphenylamine	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Hexachlorobenzene	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Pentachlorophenol	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
Phenanthrene	**0.0081**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Anthracene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Carbazole	**ND**	0.037	EPA 8270D	9-15-17	9-16-17	
Di-n-butylphthalate	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
Fluoranthene	**0.013**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Benzidine	**ND**	0.37	EPA 8270D	9-15-17	9-16-17	
Pyrene	**0.016**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Butylbenzylphthalate	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
3,3'-Dichlorobenzidine	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
Benzo[a]anthracene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Chrysene	**0.011**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
Di-n-octylphthalate	**ND**	0.19	EPA 8270D	9-15-17	9-16-17	
Benzo[b]fluoranthene	**0.016**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Benzo(j,k)fluoranthene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Benzo[a]pyrene	**0.011**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Indeno[1,2,3-cd]pyrene	**0.0099**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Dibenz[a,h]anthracene	**ND**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Benzo[g,h,i]perylene	**0.011**	0.0074	EPA 8270D/SIM	9-15-17	9-18-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*38*	*18 - 109*				
Phenol-d6	*47*	*25 - 111*				
Nitrobenzene-d5	*44*	*22 - 113*				
2-Fluorobiphenyl	*55*	*30 - 114*				
2,4,6-Tribromophenol	*56*	*22 - 116*				
Terphenyl-d14	*54*	*33 - 114*				

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

SEMIVOLATILES EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0915S1					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Pyridine	**ND**	0.33	EPA 8270D	9-15-17	9-15-17	
Phenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Aniline	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2-Chlorophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Benzyl alcohol	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Hexachloroethane	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Nitrobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Isophorone	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2-Nitrophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
4-Chloroaniline	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
Hexachlorobutadiene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2-Chloronaphthalene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2-Nitroaniline	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Dimethylphthalate	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
3-Nitroaniline	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

SEMIVOLATILES EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0915S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
4-Nitrophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Dibenzofuran	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Diethylphthalate	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
4-Nitroaniline	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Hexachlorobenzene	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Pentachlorophenol	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Carbazole	**ND**	0.033	EPA 8270D	9-15-17	9-15-17	
Di-n-butylphthalate	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Benzidine	**ND**	0.33	EPA 8270D	9-15-17	9-15-17	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Butylbenzylphthalate	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
3,3'-Dichlorobenzidine	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
Di-n-octylphthalate	**ND**	0.17	EPA 8270D	9-15-17	9-15-17	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	9-15-17	9-15-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*18 - 109*				
Phenol-d6	*81*	*25 - 111*				
Nitrobenzene-d5	*78*	*22 - 113*				
2-Fluorobiphenyl	*78*	*30 - 114*				
2,4,6-Tribromophenol	*83*	*22 - 116*				
Terphenyl-d14	*79*	*33 - 114*				

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

SEMIVOLATILES EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0915S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**1.05**	**0.902**	1.33	1.33	79	68	37 - 107	15	39	
2-Chlorophenol	**1.11**	**0.955**	1.33	1.33	83	72	36 - 107	15	40	
1,4-Dichlorobenzene	**0.544**	**0.454**	0.667	0.667	82	68	28 - 108	18	41	
n-Nitroso-di-n-propylamine	**0.533**	**0.445**	0.667	0.667	80	67	28 - 113	18	33	
1,2,4-Trichlorobenzene	**0.560**	**0.474**	0.667	0.667	84	71	33 - 106	17	38	
4-Chloro-3-methylphenol	**1.17**	**1.04**	1.33	1.33	88	78	52 - 106	12	30	
Acenaphthene	**0.583**	**0.514**	0.667	0.667	87	77	52 - 90	13	30	
4-Nitrophenol	**1.12**	**1.06**	1.33	1.33	84	80	30 - 109	6	32	
2,4-Dinitrotoluene	**0.557**	**0.490**	0.667	0.667	84	73	50 - 101	13	32	
Pentachlorophenol	**1.05**	**0.930**	1.33	1.33	79	70	21 - 114	12	40	
Pyrene	**0.598**	**0.562**	0.667	0.667	90	84	52 - 104	6	30	
Surrogate:										
2-Fluorophenol					*81*	*69*	*18 - 109*			
Phenol-d6					*85*	*72*	*25 - 111*			
Nitrobenzene-d5					*82*	*70*	*22 - 113*			
2-Fluorobiphenyl					*83*	*71*	*30 - 114*			
2,4,6-Tribromophenol					*93*	*83*	*22 - 116*			
Terphenyl-d14					*88*	*82*	*33 - 114*			

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

PCBs
EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EL150-170914-S01**					
Laboratory ID:	09-161-01					
Aroclor 1016	**ND**	0.056	EPA 8082A	9-20-17	9-21-17	
Aroclor 1221	**ND**	0.056	EPA 8082A	9-20-17	9-21-17	
Aroclor 1232	**ND**	0.056	EPA 8082A	9-20-17	9-21-17	
Aroclor 1242	**ND**	0.056	EPA 8082A	9-20-17	9-21-17	
Aroclor 1248	**ND**	0.056	EPA 8082A	9-20-17	9-21-17	
Aroclor 1254	**ND**	0.056	EPA 8082A	9-20-17	9-21-17	
Aroclor 1260	**ND**	0.056	EPA 8082A	9-20-17	9-21-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*42-139*				

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0920S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	9-20-17	9-20-17	
Aroclor 1221	**ND**	0.050	EPA 8082A	9-20-17	9-20-17	
Aroclor 1232	**ND**	0.050	EPA 8082A	9-20-17	9-20-17	
Aroclor 1242	**ND**	0.050	EPA 8082A	9-20-17	9-20-17	
Aroclor 1248	**ND**	0.050	EPA 8082A	9-20-17	9-20-17	
Aroclor 1254	**ND**	0.050	EPA 8082A	9-20-17	9-20-17	
Aroclor 1260	**ND**	0.050	EPA 8082A	9-20-17	9-20-17	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*42-139*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	09-168-31										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.407**	**0.428**	0.500	0.500	ND	**81**	**86**	26-127	5	22	
Surrogate:											
DCB						*81*	*77*	*42-139*			

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

TOTAL METALS
EPA 6010C/6020A/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	09-161-01					
Client ID:	**E320-EL150-170914-S01**					
Antimony	**ND**	5.6	6010C	9-14-17	9-14-17	
Arsenic	**ND**	11	6010C	9-14-17	9-14-17	
Beryllium	**ND**	0.56	6010C	9-14-17	9-14-17	
Cadmium	**ND**	0.56	6010C	9-14-17	9-14-17	
Chromium	**20**	0.56	6010C	9-14-17	9-14-17	
Copper	**9.8**	1.1	6010C	9-14-17	9-14-17	
Lead	**28**	5.6	6010C	9-14-17	9-14-17	
Mercury	**ND**	0.28	7471B	9-18-17	9-18-17	
Nickel	**20**	2.8	6010C	9-14-17	9-14-17	
Selenium	**ND**	11	6010C	9-14-17	9-14-17	
Silver	**ND**	1.1	6010C	9-14-17	9-14-17	
Thallium	**ND**	1.4	6020A	9-14-17	9-15-17	
Zinc	**70**	2.8	6010C	9-14-17	9-14-17	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

TOTAL METALS
EPA 6010C/6020A
METHOD BLANK QUALITY CONTROL

Date Extracted: 9-14-17
Date Analyzed: 9-14&15-17

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0914SH1

Analyte	Method	Result	PQL
Antimony	6010C	**ND**	5.0
Arsenic	6010C	**ND**	10
Beryllium	6010C	**ND**	0.50
Cadmium	6010C	**ND**	0.50
Chromium	6010C	**ND**	0.50
Copper	6010C	**ND**	1.0
Lead	6010C	**ND**	5.0
Nickel	6010C	**ND**	2.5
Selenium	6010C	**ND**	10
Silver	6010C	**ND**	1.0
Thallium	6020A	**ND**	1.3
Zinc	6010C	**ND**	2.5

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

TOTAL MERCURY
EPA 7471B
METHOD BLANK QUALITY CONTROL

Date Extracted:	9-18-17
Date Analyzed:	9-18-17
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0918S1

Analyte	Method	Result	PQL
Mercury	7471B	**ND**	0.25

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

TOTAL METALS
EPA 6010C/6020A
DUPLICATE QUALITY CONTROL

Date Extracted: 9-14-17
Date Analyzed: 9-14&15-17

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 09-114-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Antimony	**ND**	**ND**	NA	5.0	
Arsenic	**ND**	**ND**	NA	10	
Beryllium	**ND**	**ND**	NA	0.50	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**24.1**	**25.5**	6	0.50	
Copper	**12.7**	**11.8**	8	1.0	
Lead	**ND**	**ND**	NA	5.0	
Nickel	**28.9**	**26.1**	10	2.5	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	1.0	
Thallium	**ND**	**ND**	NA	1.3	
Zinc	**22.5**	**21.0**	7	2.5	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

TOTAL MERCURY
EPA 7471B
DUPLICATE QUALITY CONTROL

Date Extracted: 9-18-17
Date Analyzed: 9-18-17

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 09-115-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.25	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

TOTAL METALS
EPA 6010C/6020A
MS/MSD QUALITY CONTROL

Date Extracted: 9-14-17
Date Analyzed: 9-14&15-17

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 09-114-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Antimony	100	**91.9**	92	**95.5**	96	4	
Arsenic	100	**102**	102	**100**	100	2	
Beryllium	50.0	**50.8**	102	**50.4**	101	1	
Cadmium	50.0	**46.9**	94	**46.8**	94	0	
Chromium	100	**117**	92	**117**	93	1	
Copper	50.0	**63.0**	101	**61.9**	98	2	
Lead	250	**225**	90	**225**	90	0	
Nickel	100	**121**	92	**121**	92	0	
Selenium	100	**102**	102	**103**	103	0	
Silver	25.0	**23.5**	94	**23.5**	94	0	
Thallium	50.0	**46.5**	93	**46.3**	93	1	
Zinc	100	**119**	96	**119**	96	0	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

TOTAL MERCURY
EPA 7471B
MS/MSD QUALITY CONTROL

Date Extracted: 9-18-17
Date Analyzed: 9-18-17

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 09-115-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	**0.497**	99	**0.436**	87	13	

Date of Report: September 21, 2017
Samples Submitted: September 14, 2017
Laboratory Reference: 1709-161
Project: 40300

% MOISTURE

Date Analyzed: 9-14-17

Client ID	Lab ID	% Moisture
E320-EL150-170914-S01	09-161-01	10

OnSite Environmental Inc.

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-napthalene) 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

Chain of Custody

Page 1 of 1

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

Company: INNOVEX
Project Number: 40300
Project Name: Glenn Hayman
Project Manager: E320
Sampled by: Colin Duffy

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

Laboratory Number: 09-161

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	PP metals				% Moisture
1	E320-EL150-170914S01	9/14/17	1100	SO	6		X		X	X			X		X								X				X

	Signature	Company	Date	Time
Relinquished		INNOVEX	9/14/17	1325
Received			9/14/17	1325
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
email Glenn Hayman.

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

APPENDIX C
Toxicity Equivalent Concentration Calculations

cPAH Toxic Equivalency Concentration Calculations

Sample ID:		E320-EL150-170731-S01		E320-EL150-170731-S02		E320-EL150-170731-S03		E320-EL150-170914-S01	
Compound	TEF	Detected Concentration mg/kg	Equivalent Concentration mg/kg	Detected Concentration mg/kg	Equivalent Concentration mg/kg	Detected Concentration mg/kg	Equivalent Concentration mg/kg	Detected Concentration mg/kg	Equivalent Concentration mg/kg
Benzo(a)anthracene	0.1	0.019	0.0019	0.090	0.009	0.016	0.0016	0	0
Chrysene	0.01	0.028	0.00028	0.12	0.0012	0.023	0.00023	0.011	0.00000308
Benzo(b)fluoranthene	0.1	0.036	0.0036	0.11	0.011	0.030	0.003	0.016	0.0000576
Benzo(k)fluoranthene	0.1	0.010	0.001	0.035	0.0035	0	0	0	0
Benzo(a)pyrene	1	0.026	0.026	0.11	0.11	0.021	0.021	0.011	0.000286
Indeno(1,2,3-cd)pyrene	0.1	0.025	0.0025	0.087	0.0087	0.024	0.0024	0.0099	0.00002475
Dibenzo(a,h)anthracene	0.1	0.0070	0.0007	0.017	0.0017	0	0	0	0
TEC			0.036		0.15		0.028		0.00037
MTCA CUL Total cPAH									
Method A Unrestricted Land Use			0.1		0.1		0.1		0.1
Method A Industrial			2		2		2		2
Method B			0.137		0.137		0.137		0.137

Notes

TEF = Toxic Equivalent Factor

APPENDIX D
Soil Disposal Tickets

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

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954831	

WEIGHMASTER: IN - Michelle H. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
9/11/17 1:02 pm	9/11/17 1:21 pm

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,020 NET TONS 29.74
SCALE OUT TARE WEIGHT 39,540 NET WEIGHT 59,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.74	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

1011

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 _____

RS-F042UPR (07/12)

SITE

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

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954821	

WEIGHMASTER

DATE/TIME IN	DATE/TIME OUT
IN - Michelle J.	OUT - Karyn B.
VEHICLE 9/11/17 11:47 am	CONTAINER 9/11/17 12:02 pm
REFERENCE 158 KLB	
BILL OF LADING	

SCALE IN GROSS WEIGHT 96,500 NET TONS 28.47 INBOUND
SCALE OUT TARE WEIGHT 39,560 NET WEIGHT 56,940 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.47	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER: 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954853	

WEIGHMASTER: IN - Patrice G. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
9/12/17 9:14 am	9/12/17 9:34 am

VEHICLE	CONTAINER
134 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 93,140 NET TONS 26.62
SCALE OUT TARE WEIGHT 39,900 NET WEIGHT 53,240

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.62	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER: 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01 | TICKET # 954853 | CELL

WEIGHMASTER: IN - Patrice G. OUT - JAMIE B.

DATE/TIME IN 9/12/17 9:14 am | DATE/TIME OUT 9/12/17 9:34 am

VEHICLE 134 KLB | CONTAINER

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 93,140 NET TONS 26.62
SCALE OUT TARE WEIGHT 39,900 NET WEIGHT 53,240

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.62	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

101 (

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954854	

WEIGHMASTER: IN - Patrice G. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
9/12/17 9:34 am	9/12/17 9:53 am

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 98,300 NET TONS 29.23
SCALE OUT TARE WEIGHT 39,840 NET WEIGHT 58,460

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.23	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

1011

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954854	

WEIGHMASTER: IN - Patrice G. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
9/12/17 9:34 am	9/12/17 9:53 am

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 98,300 NET TONS 29.23
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INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.23	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

NET AMOUNT
TENDERED
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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01	TICKET # 954967	CELL
WEIGHMASTER	IN - Patrice G. OUT - Michelle H.	
DATE/TIME IN 9/14/17 12:06 pm	DATE/TIME OUT 9/14/17 12:19 pm	
VEHICLE 134 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 91,740 NET TONS 26.18
SCALE OUT TARE WEIGHT 39,380 NET WEIGHT 52,360

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.18	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

1011

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE _____

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3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01	TICKET # 954967	CELL
WEIGHMASTER	IN - Patrice G. OUT - Michelle H.	
DATE/TIME IN 9/14/17 12:06 pm	DATE/TIME OUT 9/14/17 12:19 pm	
VEHICLE 134 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

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0.00	YD	Tracking QTY				
26.18	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954959	

WEIGHMASTER: IN - Patrice G. OUT - Michelle H.

DATE/TIME IN	DATE/TIME OUT
9/14/17 11:21 am	9/14/17 11:38 am

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,900 NET TONS 31.16
SCALE OUT TARE WEIGHT 37,580 NET WEIGHT 62,320

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.16	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

1011

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954959	

WEIGHMASTER: IN - Patrice G. OUT - Michelle H.

DATE/TIME IN	DATE/TIME OUT
9/14/17 11:21 am	9/14/17 11:38 am

VEHICLE	CONTAINER
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REFERENCE

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SCALE IN GROSS WEIGHT 99,900 NET TONS 31.16
SCALE OUT TARE WEIGHT 37,580 NET WEIGHT 62,320

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.16	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	954973	

WEIGHMASTER: IN - JAMIE B. OUT - Michelle H.

DATE/TIME IN	DATE/TIME OUT
9/14/17 12:42 pm	9/14/17 12:57 pm

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 91,720 NET TONS 26.11
SCALE OUT TARE WEIGHT 39,500 NET WEIGHT 52,220

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.11	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01 | TICKET # 954973 | CELL

WEIGHMASTER: IN - JAMIE B. OUT - Michelle H.

DATE/TIME IN 9/14/17 12:42 pm | DATE/TIME OUT 9/14/17 12:57 pm

VEHICLE 158 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 91,720 NET TONS 26.11
SCALE OUT TARE WEIGHT 39,500 NET WEIGHT 52,220

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.11	tn	SW-CONT SOIL Origin:BELLEVUE/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

1011

APPENDIX E
Restrictive Covenant

6.4 Environmental Covenant

Return to: Mindy Smart
Heller Ehrman
701-5th Ave. #6100
Seattle, WA 98104

RESTRICTIVE COVENANT

Spieker Properties, L.P., a California Limited Partnership ("Spieker") is the owner of the real property in the County of King, State of Washington (legal description attached hereto as Exhibit A), hereinafter referred to as the "Property". The Property contains petroleum hydrocarbons in subsurface soil locations SS-1 though SS-9 and B-1 through B-3. The concentrations of petroleum hydrocarbons at these locations exceed the Method A cleanup levels set forth in the Washington Model Toxics Control Act Cleanup Regulation. The concentrations are summarized in the Independent Remedial Action Report, dated June 1995 and prepared by Dalton, Olmsted and Fuglevand, at Table 6. A copy of the Report is attached hereto as Exhibit B.

Declarations

Spieker hereby subjects the Property to the following terms, conditions and restrictions ("Restrictive Covenants"):

1. Except as provided in Sections 2 and 3 below, any contaminated soils at the Property may remain in place until such time as Spieker, or its successors, grantees or assigns, redevelops or makes substantial new improvements to the Property which cause excavation of soils containing hazardous substances at concentrations above the then applicable State of Washington cleanup levels, at which time any such soils that have been excavated shall be remediated. For purposes of this Section, demolition of existing buildings, and demolition and/or resurfacing of paved areas of the Property will not be considered a substantial improvement that requires excavation and remediation of subsurface contaminated soils.

2. If any utility or other work is required to be performed at the Property (such as underground cable, wire, conduit, manholes, handholes, plate utility poles) by the City of Bellevue or other public entity or private utility company in areas that contain concentrations of hazardous substances above the then applicable State of Washington cleanup standards, Spieker, or its grantees, successors or assigns, shall remediate any contaminated soils at the Property that will be excavated by such work as necessary for the protection of the health or safety of the persons performing the work, or the protection of human health or the environment.

3. If at any time Spieker, or its grantees, successors or assigns, learns of contamination at the Property which presents an imminent risk to human health or the environment, Spieker, or its grantees, successors, or assigns, shall take immediate action to remediate such contamination.

4. Any activity on the Property that may interfere with the ongoing monitoring of groundwater wells is prohibited. In addition, no groundwater may be taken for potable water purposes at the Property.

5. Spieker, or its grantees, successors or assigns, must give written notice to the Department of Ecology, or to a successor agency, of such persons intent to convey any interest in the Property. No conveyance of title, easement, lease or other interest in the Property shall be consummated for a period of three years from the date of this document without adequate and complete provision for the continued operations, maintenance and monitoring of the groundwater wells.

6. Spieker, or its grantees, successors or assigns, must notify the Department of Ecology, or its successor agency, prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. Public notice and comment may be sought by the Department of Ecology or its successor agency with regard to the proposed change.

7. Spieker, or its grantees, successors or assigns, shall allow authorized representative of the Department of Ecology, or from a successor agency, the right to enter the Property at reasonable times for the purpose of evaluating compliance with the monitoring of groundwater wells, overseeing any remediation that is required pursuant to Sections 1, 2 and 3 above, to take samples and to inspect records.

8. Spieker, and its grantees, successors and assigns, reserve the right under WAC 173-340-720 and WAC 173-340-440 (1991 ed.) to record an instrument which provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such instrument may be recorded only with consent of the Department of Ecology or of a successor agency. Public notice and comment may be sought by the Department of Ecology or of a successor agency prior to the recording of such an instrument.

9. Any action required by this Restrictive Covenant to be performed by Spieker, or its grantees, successors and assigns, shall be the duty of person who is the legal owner of the Property at the time the action is required, and a prior owner of the Property shall have no duty to perform such action.

9610081236

DATED this 24 day of September, 1996.

SPIEKER PROPERTIES, L.P.,
a California Limited Partnership

By: Spieker Properties, Inc., a Maryland Corporation
Its: General Partner

By: _____
Donald S. Jefferson
Senior Vice President

LEGAL DESCRIPTION OF THE PROPERTY
(Paragraph 4 of Schedule A construction)

LOTS 1, 2, 3 and 4;

TOGETHER WITH TRACTS A, B, C, D, E, F, G, H, I AND J, ALL IN BELLEFIELD OFFICE PARK, ACCORDING TO THE BINDING SITE PLAN RECORDED IN VOLUME 138 OF PLATS, PAGES 25 THROUGH 29, INCLUSIVE, IN KING COUNTY, WASHINGTON.

9610081236

EXHIBIT A

BLE 6 - Results of Soil Analyses

Bellefield Office Park
Bellevue, Washington

Sample Number	Depth (Feet)	WTPH-DX (mg/kg)		Percent Heavy Oil	PCBs (mg/kg)	Volatiles 8021
		Diesel	Heavy Oil			
SS-1/WP-12	<5	40	300	88.2	—	—
SS-2/WP14	<5	46	290	86.3	—	—
SS-3/WP-6	<5	60	340	85.0	—	—
SS-4/WP-10	<5	130	490	79.0	—	—
SS-5/WP-15	<5	730	240	24.7	—	—
SS-6	<5	95	710	88.2	—	—
SS-7	<5	110	920	89.3	—	—
SS-8	<5	78	390	83.3	—	—
SS-9	<5	97	590	85.9	—	—
B1/S3	7.5	1400	9900	87.6	0.34	nd
B1/S6	15	120	1500	92.6	<0.05	—
B1/S7	17.5	210	2700	92.8	<0.05	—
B2/S1	2.5	190	1800	90.5	<0.05	—
B2/S4	10	130	1600	92.5	<0.05	nd
B2/S8	20	530	2300	81.3	0.31	—
B3/S1	2.5	45	440	90.7	0.11	—
B3/S3	7.5	1200	5200	81.3	0.66	nd
B3/S7	17.5	1000	5000	83.3	0.75	—
Cleanup Levels(1)						
MTCA Method A	—	200	200		1	—
MTCA Method B	—	—	—		0.13	—

(1) - Model Toxics Control Act Cleanup Levels and Risk Calculation (CLARC II) Update August 31, 1994

— - not analyzed

nd - not detected

9610081236

EXHIBIT B

Revised: 6/15/95
(DATA.XLS-soil)

Dalton, Olmsted Fuglevand, Inc.

Page 1 of 1

Independent Remedial Action Report, Alcove Creek (EL150) – Addendum #1, East of 112th Avenue SE and South of SE 15th Street, Bellevue, Washington. Prepared by INNOVEX Environmental Management, October 29, 2019

Independent Remedial Action Report
Alcove Creek (EL150) – Addendum #1
East of 112th Avenue SE and
South of SE 15th Street
Bellevue, Washington

Sound Transit Contract RTA/CN 0063-15
E320 South Bellevue

October 29, 2019

Prepared For:

Sound Transit
Heritage Park Field Office
13427 NE 16th Street, Suite 200A
Bellevue, WA 98005

Prepared By:

INNOVEX
ENVIRONMENTAL MANAGEMENT, INC.

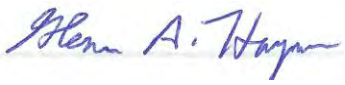
16310 80th Street NE
Suite 300
Redmond, WA 98052
www.innovex.net

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal is affixed below.

Prepared by Ryan Holtz, Environmental Scientist

Reviewed by Andrea Winder



Approved by Glenn A. Hayman, LHg

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

ACRONYMS AND ABBREVIATIONS

cPAHs	carcinogenic polycyclic aromatic hydrocarbons
CUL	cleanup level
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
INNOVEX	INNOVEX Environmental Management, Inc.
mg/kg	milligrams per kilogram
MTCA	Model Toxics Control Act Cleanup Regulation
NFA	No Further Action
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
TEC	toxicity equivalency concentration

1.0 INTRODUCTION

Sound Transit, officially the Central Puget Sound Regional Transit Authority, is a public transit agency serving the Seattle metropolitan area in Washington State. Beginning in 2015, Sound Transit commenced construction on the East Link light rail corridor through Bellevue, Washington. This project is divided into four segments referred to as E320, E330, E335, and E340. As part of the project, Sound Transit acquired several parcels of property and performed demolition and cleanup of environmental contaminants as necessary to construct the project.

This report is an addendum to the Independent Remedial Action Report prepared by INNOVEX Environmental Management, Inc. (INNOVEX), dated March 15, 2019 (INNOVEX, 2019). This addendum documents the Independent Remedial Action completed by Sound Transit to address contaminated soil encountered south of the Alcove Creek outfall along the western embankment of King County tax parcel 066288TRCT, located east of 112th Avenue SE and south of SE 15th Street in Bellevue, Washington, along the southern end of the parcel ("the Site"). The location of the Site is shown on Figure 1.

The Site is located within the Bellefield Office Park property which is listed as a contaminated site (Facility Site ID: #94112753) by The Washington State Department of Ecology (Ecology). Contaminants remain on the property at concentrations greater than applicable Washington State Model Toxics Control Act (MTCA) Cleanup Levels (CULs). Ecology issued a No Further Action (NFA) determination for the property in 1996. The NFA required adherence to a Restrictive Covenant to ensure that contaminants are controlled and contained. The Restrictive Covenant is included as Appendix E.

The Site is part of what is identified in Sound Transit construction documents as parcel EL150, which is part of the E320 segment being constructed under Sound Transit Contract No. RTA/CN 0063-15. INNOVEX conducted activities related to the remedial action and prepared this report as a subcontractor to Sound Transit's prime contractor, HDR.

The Independent Remedial Action was performed in a manner generally consistent with requirements of the MTCA Cleanup Regulation (Ecology, 2007), including section 173-340-515 (independent remedial actions). This report provides information consistent with section 173-340-300 (site discovery and reporting). However, in accordance with our contract, the scope of the remedial action was limited to soil conditions only, and only to the extent necessary for completion of the light rail project.

1.1 Background Information

A Phase I Environmental Site Assessment (ESA) conducted at the Site indicated that contaminated fill and debris were identified on the property in the 1990s due to the placement of fill in the 1970s (GeoEngineers, 2014). The fill reportedly included wood, roofing materials, and other construction debris from residences demolished during construction of Interstate 405. The

Phase I identified petroleum hydrocarbons, polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs) as contaminants in the fill.

An ESA Data Report prepared for the Site identified one approximately 6,600 square foot area where arsenic concentrations in soil exceeded the applicable CUL, and another approximately 3,250 square foot area where PAH concentrations in soil were below applicable CULs (GeoEngineers Inc., 2015).

1.2 Objectives

The objectives of the work described in this report were to remove contaminated soil encountered during excavation activities, document the independent remedial action, and analyze soil conditions following completion of the remedial actions. INNOVEX completed the following tasks to meet these objectives:

- Observed and summarized remedial actions
- Collected representative soil samples for laboratory analysis
- Compared soil sample analytical results to applicable regulatory criteria

Selected photographs taken during the Site activities are provided in Appendix A.

1.3 Cleanup Levels

The CULs specified in the MTCA Cleanup Regulation (Ecology, 2007) were used to evaluate analytical results. Detected analyte concentrations in soil were compared to MTCA Method A Soil CULs for Unrestricted Land Uses, if available. For analytes not listed as having Method A CULs, detected concentrations were compared to MTCA Method B Soil CULs based on direct contact. The MTCA CULs used to evaluate each detected analyte are included with analytical results provided in Table 1.

In this report, soil with detected analyte concentrations below MTCA CULs is referred to as impacted, and soil with analyte concentrations above MTCA CULs is referred to as contaminated.

2.0 INDEPENDENT REMEDIAL ACTION

This independent remedial action included the following activities:

- Excavation and offsite disposal of impacted and contaminated soil
- Confirmation soil sampling

2.1 Soil Removal

Sound Transit's E320 contractor, KLB Construction, Inc. excavated soil in the known contaminated and impacted areas south of the Alcove Creek outfall from July 17 to August 6, 2019. The excavation extended approximately 6 to 9 feet below the adjacent road grade. The location and extent of the known impacted and contaminated areas are shown on Figure 2.

INNOVEX was onsite to ensure proper soil segregation and to collect final grade samples. Areas of darkened soil and large amount of woody debris were observed during the excavation. Large pieces of timbers and other woody debris were removed from the soil and stockpiled separately.

Excavated soil was loaded into trucks for offsite disposal. A total of 799.26 tons of arsenic contaminated soil was removed from the Site and transported to Republic Services regional transfer facility in Seattle, Washington. A total of 159.39 tons of PAH impacted soil was removed from the Site and transported to AAA in Monroe, Washington. Soil disposal tickets are provided in Appendix D.

2.2 Remediation Soil Sampling and Analysis

INNOVEX collected a total of 10 confirmation soil samples at the completion of the excavation activities to document final grade conditions. Five soil samples were collected from the arsenic contaminated area and five soil samples collected from the PAH impacted area. The sampling locations are shown on Figure 2. Analytical results for the 10 confirmation samples represent concentrations in soil remaining in place at the Site.

Soil samples were collected using a disposable spoon in accordance with the Sampling and Analysis Plan prepared for this project (INNOVEX, 2018). Soil samples were placed into laboratory-supplied containers, labeled, and immediately placed in a cooler with ice. Samples were delivered under standard chain-of-custody procedures to OnSite Environmental, Inc., a Washington State-accredited laboratory located in Redmond, Washington. Soil samples were submitted for one or more of the following analyses:

- Arsenic using U.S. Environmental Protection Agency (EPA) Method 6010D
- PAHs using EPA Method 8270D

Soil sample E320-EB483-190717-S02 from the arsenic contaminated area contained arsenic at a concentration of 69 milligrams per kilogram (mg/kg) which is above the applicable MTCA CUL (20 mg/kg). The other four soil samples collected from the arsenic area contained detectable concentrations of arsenic that were below the applicable MTCA CUL.

Soil sample E320-EB48480-190724-S03 from the PAH impacted area contained benzo(a)anthracene, a carcinogenic PAH (cPAH), at a concentration of 0.032 mg/kg, which is below the applicable MTCA CUL (1.37 mg/kg). The calculated cPAH toxicity equivalent

concentration (TEC) for this sample was 0.06866 mg/kg, which is also below the applicable MTCA CUL (0.1 mg/kg). No other analytes were detected in the samples collected from the PAH area.

Analyte concentrations detected in the soil samples INNOVEX collected at the Site are summarized in Table 1. The laboratory reports are provided in Appendix B. The TEC calculations are provided in Appendix C.

2.3 Site Disposition

Excavation at the Site was conducted between July 17 and August 6, 2019. The removal of contaminated and impacted soil from the Site was completed to the extent required by project construction requirements. The excavation was graded and backfilled with suitable clean fill brought in from outside the Site as necessary for the project specifications.

3.0 CONCLUSIONS

The following conclusions are supported by the activities described above:

- The Independent Remedial Action implemented by Sound Transit resulted in removal of 799.26 tons of contaminated soil and 159.39 tons of impacted soil from the Site.
- The Independent Remedial Action was completed consistent with the requirements of the Restrictive Covenant.
- One confirmation soil sample (E320-EB483-190717-S02) had an arsenic concentration above the applicable MTCA CUL and remains in place at the Site.
- PAHs were not detected in the confirmation soil samples at concentrations above their applicable MTCA CULs.
- Groundwater was not encountered and no assessment of groundwater was completed as part of this Independent Remedial Action.

4.0 LIMITATIONS

This report is for the exclusive use of Sound Transit and its representatives. INNOVEX prepared this report in a professional manner, using that level of skill and care normally exercised for similar projects under similar conditions by reputable and competent environmental consultants currently practicing in the area, and in accordance with the terms and conditions set forth in our contract and Sound Transit Contract RTA/CN 0063-15. INNOVEX is not responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. Also note that the facts and conditions referenced in this report may change over time and that the conclusions set forth here are applicable to the facts and conditions as described in this report. Conclusions were made within the operative constraints of the scope, budget, and schedule for this project. We believe that the conditions stated here are factual. No guarantee is made or implied. Any reliance on this report by a third party is at such party's sole risk.

5.0 REFERENCES

INNOVEX Environmental Management, Inc. 2018. Sampling and Analysis Plan, Sound Transit East Link Segments E320, E330, E335, and E340, Bellevue, Washington. July 16, 2018.

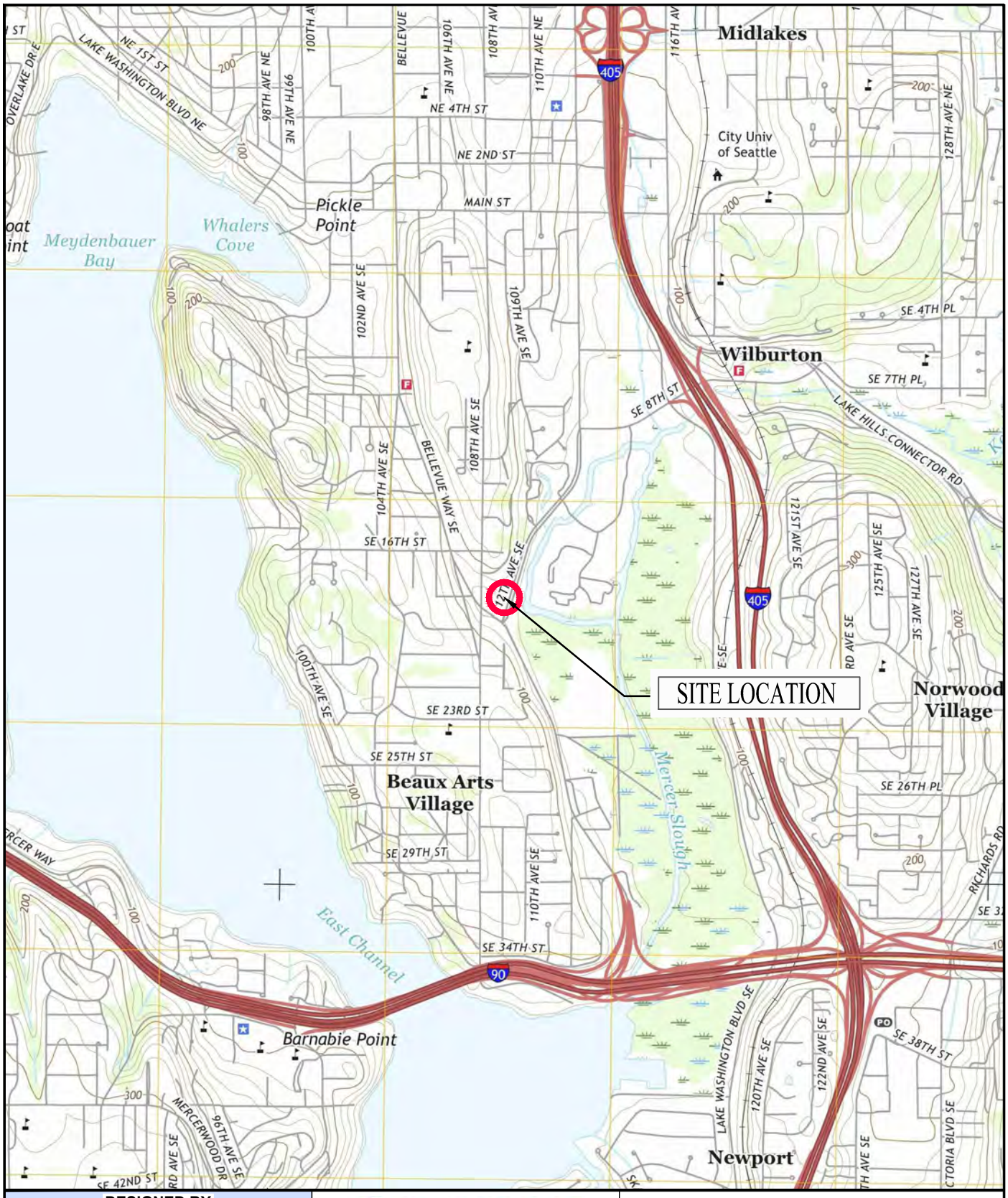
INNOVEX Environmental Management, Inc. 2019. Independent Remedial Action Report Alcove Creek (EL150) East of 11th Avenue SE and South of SE 15th Street Bellevue, Washington. March 15, 2019.

Washington State Department of Ecology. 2007. Model Toxics Control Act Cleanup Regulation, Chapter 173-340 Washington Administrative Code. Amended October 12, 2007.

GeoEngineers, Inc. 2014. Phase I Environmental Site Assessment, Sound Transit East Link E320, EL150 – Portions of King County Tax Parcel 066288TRCT, Bellefield Office Park, 112th Avenue SE/SE 15th Street, Bellevue, Washington. September 29, 2014.

GeoEngineers, Inc. 2015. Environmental Site Assessment Data Report, Sound Transit East Link Alignment E320, Parcels EL150/EL154/EL170, DWR #9 and DWR #12, Bellevue, Washington. July 30, 2015.

FIGURES



DESIGNED BY
Innovex Environmental
Ryan Holtz
DRAWN BY
ICD
August 21, 2019

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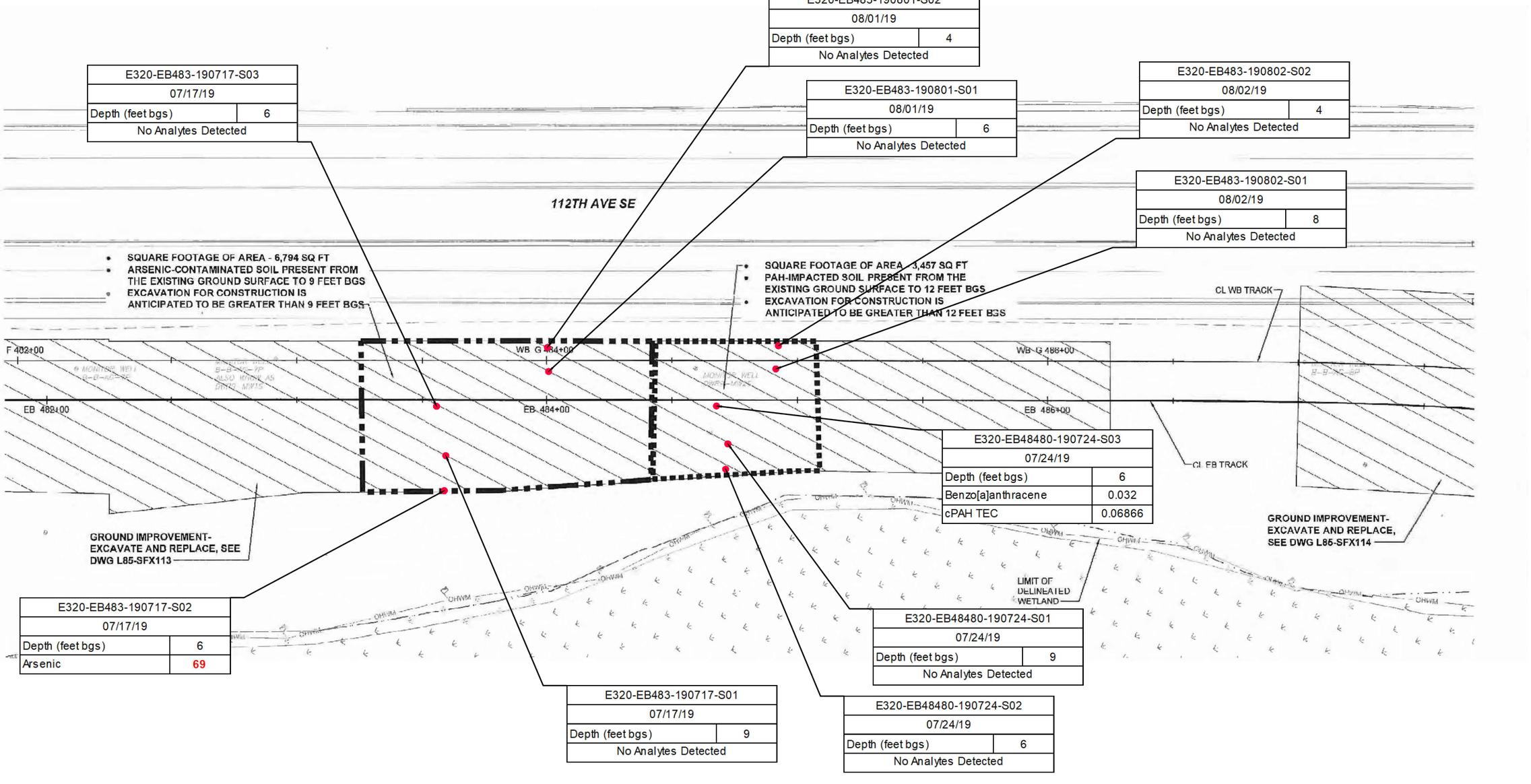
INNOVEX
ENVIRONMENTAL MANAGEMENT, INC.
16310 NE 80th St., Suite 300
Redmond, WA 98052
(800) 988-7880

LATITUDE 47D 35M 39S NORTH
LONGITUDE 122D 11M 43S WEST

US GEOLOGICAL SURVEY - 2017
7.5 MINUTE QUADRANGLE MAP
MERCER ISLAND, WASHINGTON

FIGURE 1
Site Location Map
E320-EL150
ALCOVE CREEK EAST OF 112TH AVENUE SE AND SOUTH OF SE 15TH STREET BELLEVUE, WASHINGTON

EL150_SITELOCATION.DWG



LEGEND

●	SOIL SAMPLE LOCATION
cPAH	CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBON
TEC	TOXIC EQUIVALENT CONCENTRATION
bgs	BELOW GROUND SURFACE
	ALL CONCENTRATIONS EXPRESSED IN MILLIGRAMS PER KILOGRAM (mg/kg)
	SAMPLE RESULTS IN RED INDICATE AN EXCEEDANCE OF APPLICABLE CLEANUP LEVEL

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

DESIGNED BY
Innovex Environmental
A. Winder

DRAWN BY
ICD
October 27, 2019

SCALE
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W N S E

INNOVEX ENVIRONMENTAL MANAGEMENT, INC.
16310 NE 80th St., Suite 300
Redmond, WA 98052
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FIGURE 2
Soil Sample Location and Detected Analyte Results Map
E320-EL150
ALCOVE CREEK EAST OF 112TH AVENUE SE AND SOUTH OF SE 15TH STREET
BELLEVUE, WASHINGTON

E320 EL150_19Q3_1.DWG

TABLES

Table 1.

Analytical Results for Analytes Detected in Soil

Alcove Creek (EL150) – East of 112th Avenue SE and South of SE 15th Street

Sample Date	Sample ID	Sample Depth (feet bgs)	Arsenic		Benzo[a]anthracene (cPAH)		cPAH TEC	
7/17/2019	E320-EB483-190717-S01	9	11	U	--		--	
7/17/2019	E320-EB483-190717-S02	6	**69**		--		--	
7/17/2019	E320-EB483-190717-S03	6	13	U	--		--	
7/24/2019	E320-EB48480-190724-S01	9	--		0.0072	U	--	
7/24/2019	E320-EB48480-190724-S02	6	--		0.013	U	--	
7/24/2019	E320-EB48480-190724-S03	6	--		0.032		0.06866	
8/1/2019	E320-EB483-190801-S01	6	11	U	--		--	
8/1/2019	E320-EB483-190801-S02	4	11	U	--		--	
8/2/2019	E320-EB483-190802-S01	8	--		0.0080	U	--	
8/2/2019	E320-EB483-190802-S02	4	--		0.0079	U	--	
MTCA Cleanup Levels			20[a]		1.37[b]		0.01[a]	

Notes:

All results are reported in milligrams per kilogram (mg/kg).

-- = not analyzed or not applicable

bgs = below ground surface

cPAH = carcinogenic polycyclic aromatic hydrocarbon

MTCA = Model Toxics Control Act

TEC = Toxic Equivalent Concentration

U = undetected at the laboratory reporting limit shown

[a] = MTCA Method A Cleanup Level (Unrestricted)

[b] = MTCA Method B Cleanup Level (Direct Contact)

APPENDIX A
Site Photographs

Independent Remedial Action Report
Alcove Creek (EL150) – Addendum #1
East of 112th Avenue SE and
South of SE 15th Street
Bellevue, Washington

Photograph 1

Date: 7/17/19

Photographed by: Ryan Holtz

Description: View of the arsenic contaminated area and PAH impacted area.

View Direction: Southeast

Photograph 2

Date: 8/2/19

Photographed by: Ryan Holtz

Description: Excavation of PAH impacted soil, showing removal of woody debris.

View Direction: North

Photograph 3

Date: 7/24/19

Photographed by: Ryan Holtz

Description: Final grade floor of excavation.

View Direction: North

Photograph 4

Date: 8/2/19

Photographed by: Ryan Holtz

Description: Excavation of PAH impacted soil.

View Direction: Northeast

APPENDIX B
Laboratory Analytical Reports

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

July 22, 2019

Glenn Hayman
INNOVEX Environmental Mgt., Inc.
16310 NE 80th St., Suite 300
Redmond, WA 98052

Re: Analytical Data for Project 40300, E320-320.03b
Laboratory Reference No. 1907-180

Dear Glenn:

Enclosed are the analytical results and associated quality control data for samples submitted on July 17, 2019.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: July 22, 2019
Samples Submitted: July 17, 2019
Laboratory Reference: 1907-180
Project: 40300, E320-320.03b

Case Narrative

Samples were collected on July 17, 2019 and received by the laboratory on July 17, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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.

Date of Report: July 22, 2019
Samples Submitted: July 17, 2019
Laboratory Reference: 1907-180
Project: 40300, E320-320.03b

TOTAL ARSENIC
EPA 6010D

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EB483-190717-S01**					
Laboratory ID:	07-180-01					
Arsenic	**ND**	11	EPA 6010D	7-18-19	7-18-19	
Client ID:	**E320-EB483-190717-S02**					
Laboratory ID:	07-180-02					
Arsenic	**69**	35	EPA 6010D	7-18-19	7-18-19	
Client ID:	**E320-EB483-190717-S03**					
Laboratory ID:	07-180-03					
Arsenic	**ND**	13	EPA 6010D	7-18-19	7-18-19	

Date of Report: July 22, 2019
Samples Submitted: July 17, 2019
Laboratory Reference: 1907-180
Project: 40300, E320-320.03b

TOTAL ARSENIC
EPA 6010D
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0718SM2					
Arsenic	**ND**	10	EPA 6010D	7-18-19	7-18-19	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	07-091-08									
	ORIG	DUP								
Arsenic	**59.9**	**55.6**	NA	NA		NA	NA	8	20	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	07-091-08										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**147**	**146**	100	100	59.9	**87**	**87**	75-125	0	20	

Date of Report: July 22, 2019
Samples Submitted: July 17, 2019
Laboratory Reference: 1907-180
Project: 40300, E320-320.03b

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
E320-EB483-190717-S01	07-180-01	**13**	7-18-19
E320-EB483-190717-S02	07-180-02	**71**	7-18-19
E320-EB483-190717-S03	07-180-03	**20**	7-18-19

OnSite Environmental Inc.

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 methods 8260 & 8270, 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

Chain of Custody

Page 1 of 1

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

Company: IEM
Project Number: 40300
Project Name: E320 - 320.03b
Project Manager: Glenn Hayman
Sampled by: Ryan Holtz

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

Laboratory Number: 07-180

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals As only	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	E320-EB483-190717-SO1	7/17/19	0905	S	1														X				Y
2	E320-EB483-190717-SO2	"	0910	S	1														X				N
3	E320-EB483-190717-SO3	"	0915	S	1														X				N

	Signature	Company	Date	Time
Relinquished		IEM	7/17/19	1200
Received		CORE	7/17/19	1700
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* Email Glenn Hayman Only Require analysis for Arsenic

Data Package: Standard ☑ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☑

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

July 31, 2019

Glenn Hayman
INNOVEX Environmental Mgt., Inc.
16310 NE 80th St., Suite 300
Redmond, WA 98052

Re: Analytical Data for Project 40300-E320
Laboratory Reference No. 1907-324

Dear Glenn:

Enclosed are the analytical results and associated quality control data for samples submitted on July 29, 2019.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: July 31, 2019
Samples Submitted: July 29, 2019
Laboratory Reference: 1907-324
Project: 40300-E320

Case Narrative

Samples were collected on July 24, 2019 and received by the laboratory on July 29, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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.

Date of Report: July 31, 2019
Samples Submitted: July 29, 2019
Laboratory Reference: 1907-324
Project: 40300-E320

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EB48480-190724-S01**					
Laboratory ID:	07-324-01					
Naphthalene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthylene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Fluorene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Phenanthrene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Anthracene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Fluoranthene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Pyrene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Chrysene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[b]fluoranthene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo(j,k)fluoranthene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]pyrene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[g,h,i]perylene	**ND**	0.0072	EPA 8270D/SIM	7-30-19	7-30-19	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***87***	***40 - 111***				
Pyrene-d10	***87***	***40 - 110***				
Terphenyl-d14	***94***	***45 - 122***				

Date of Report: July 31, 2019
Samples Submitted: July 29, 2019
Laboratory Reference: 1907-324
Project: 40300-E320

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EB48480-190724-S02**					
Laboratory ID:	07-324-02					
Naphthalene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
2-Methylnaphthalene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
1-Methylnaphthalene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthylene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Fluorene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Phenanthrene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Anthracene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Fluoranthene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Pyrene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]anthracene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Chrysene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]pyrene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270D/SIM	7-30-19	7-30-19	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***83***	***40 - 111***				
Pyrene-d10	***79***	***40 - 110***				
Terphenyl-d14	***91***	***45 - 122***				

Date of Report: July 31, 2019
Samples Submitted: July 29, 2019
Laboratory Reference: 1907-324
Project: 40300-E320

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EB48480-190724-S03**					
Laboratory ID:	07-324-03					
Naphthalene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
2-Methylnaphthalene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
1-Methylnaphthalene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthylene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Fluorene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Phenanthrene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Anthracene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Fluoranthene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Pyrene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]anthracene	**0.032**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Chrysene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[b]fluoranthene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo(j,k)fluoranthene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]pyrene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Indeno(1,2,3-c,d)pyrene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Dibenz[a,h]anthracene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[g,h,i]perylene	**ND**	0.026	EPA 8270D/SIM	7-30-19	7-30-19	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***78***	***40 - 111***				
Pyrene-d10	***84***	***40 - 110***				
Terphenyl-d14	***90***	***45 - 122***				

Date of Report: July 31, 2019
Samples Submitted: July 29, 2019
Laboratory Reference: 1907-324
Project: 40300-E320

PAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0730S1					
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	7-30-19	7-30-19	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***92***	***40 - 111***				
Pyrene-d10	***93***	***40 - 110***				
Terphenyl-d14	***102***	***45 - 122***				

Date of Report: July 31, 2019
Samples Submitted: July 29, 2019
Laboratory Reference: 1907-324
Project: 40300-E320

PAHs EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	07-324-01										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0755**	**0.0750**	0.0833	0.0833	ND	91	90	44 - 111	1	21	
Acenaphthylene	**0.0822**	**0.0809**	0.0833	0.0833	ND	99	97	47 - 122	2	24	
Acenaphthene	**0.0809**	**0.0802**	0.0833	0.0833	ND	97	96	46 - 122	1	24	
Fluorene	**0.0831**	**0.0891**	0.0833	0.0833	ND	100	107	53 - 118	7	23	
Phenanthrene	**0.0800**	**0.0834**	0.0833	0.0833	ND	96	100	41 - 124	4	24	
Anthracene	**0.0831**	**0.0845**	0.0833	0.0833	ND	100	101	53 - 119	2	21	
Fluoranthene	**0.0809**	**0.0901**	0.0833	0.0833	ND	97	108	39 - 135	11	32	
Pyrene	**0.0772**	**0.0826**	0.0833	0.0833	ND	93	99	39 - 134	7	34	
Benzo[a]anthracene	**0.0927**	**0.0950**	0.0833	0.0833	ND	111	114	53 - 131	2	23	
Chrysene	**0.0797**	**0.0854**	0.0833	0.0833	ND	96	103	46 - 126	7	24	
Benzo[b]fluoranthene	**0.0938**	**0.0957**	0.0833	0.0833	ND	113	115	45 - 127	2	25	
Benzo(j,k)fluoranthene	**0.0791**	**0.0835**	0.0833	0.0833	ND	95	100	52 - 122	5	21	
Benzo[a]pyrene	**0.0855**	**0.0898**	0.0833	0.0833	ND	103	108	51 - 126	5	24	
Indeno(1,2,3-c,d)pyrene	**0.0862**	**0.0911**	0.0833	0.0833	ND	103	109	48 - 127	6	23	
Dibenz[a,h]anthracene	**0.0864**	**0.0893**	0.0833	0.0833	ND	104	107	51 - 124	3	22	
Benzo[g,h,i]perylene	**0.0839**	**0.0873**	0.0833	0.0833	ND	101	105	50 - 120	4	22	
Surrogate:											
2-Fluorobiphenyl						***89***	***86***	***40 - 111***			
Pyrene-d10						***89***	***99***	***40 - 110***			
Terphenyl-d14						***96***	***102***	***45 - 122***			

Date of Report: July 31, 2019
Samples Submitted: July 29, 2019
Laboratory Reference: 1907-324
Project: 40300-E320

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
E320-EB48480-190724-S01	07-324-01	**8**	7-30-19
E320-EB48480-190724-S02	07-324-02	**49**	7-30-19
E320-EB48480-190724-S03	07-324-03	**74**	7-30-19

OnSite Environmental Inc.

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 methods 8260 & 8270, 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

Chain of Custody

Page 1 of 1

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

Laboratory Number: 07-324

Company: IEM
Project Number: 40300 - E320
Project Name: 320.03b
Project Manager: Glenn Hayman
Sampled by: Ryan Holtz

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

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	E320-EB48480-190724-S01	7/24/19	1500	S	1									X												X
2	E320-EB48480-190724-S02	"	1505	S	1									X												Y
3	E320-EB48480-190724-S03	"	1510	S	1									X												X

	Signature	Company	Date	Time
Relinquished		IEM	7/29/19	13:50
Received		OSE	7/29/19	1350
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Email Glenn Hayman

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

14°C

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

August 8, 2019

Glenn Hayman
INNOVEX Environmental Mgt., Inc.
16310 NE 80th St., Suite 300
Redmond, WA 98052

Re: Analytical Data for Project 40300-E320
Laboratory Reference No. 1908-030

Dear Glenn:

Enclosed are the analytical results and associated quality control data for samples submitted on August 2, 2019.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: August 8, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-030
Project: 40300-E320

Case Narrative

Samples were collected on August 1, 2019 and received by the laboratory on August 2, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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.

Date of Report: August 8, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-030
Project: 40300-E320

TOTAL ARSENIC
EPA 6010D

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EB483-190801-S01**					
Laboratory ID:	08-030-01					
Arsenic	**ND**	11	EPA 6010D	8-5-19	8-5-19	
Client ID:	**E320-EB483-190801-S02**					
Laboratory ID:	08-030-02					
Arsenic	**ND**	11	EPA 6010D	8-5-19	8-5-19	

Date of Report: August 8, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-030
Project: 40300-E320

TOTAL ARSENIC
EPA 6010D
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0805SM3					
Arsenic	**ND**	10	EPA 6010D	8-5-19	8-5-19	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-053-01										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-053-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**89.8**	**92.4**	100	100	ND	**90**	**92**	75-125	3	20	

Date of Report: August 8, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-030
Project: 40300-E320

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
E320-EB483-190801-S01	08-030-01	**7**	8-6-19
E320-EB483-190801-S02	08-030-02	**13**	8-6-19

OnSite Environmental Inc.

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 methods 8260 & 8270, 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

Chain of Custody

Page 1 of 1

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

Company: IEM
Project Number: 40300-E320
Project Name: 320.05b
Project Manager: Glenn Hayman
Sampled by: Ryan Holtz

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 4 day (other)

Laboratory Number: 08-030

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	~~Total RCRA Metals~~ Arsenic	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	E320-EB483-190801-S01	8/1/19	1430	S	1														X								X
2	E320-EB483-190801-S02	8/1/19	1440	S	1														X								X

	Signature	Company	Date	Time
Relinquished		IEM	8/2/19	1420
Received	Mikel Crew	OSE	8/2/19	1420
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Email Glenn Hayman

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

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

August 6, 2019

Glenn Hayman
INNOVEX Environmental Mgt., Inc.
16310 NE 80th St., Suite 300
Redmond, WA 98052

Re: Analytical Data for Project 40300-E320
Laboratory Reference No. 1908-031

Dear Glenn:

Enclosed are the analytical results and associated quality control data for samples submitted on August 2, 2019.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: August 6, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-031
Project: 40300-E320

Case Narrative

Samples were collected on August 2, 2019 and received by the laboratory on August 2, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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.

Date of Report: August 6, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-031
Project: 40300-E320

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EB483-190802-S01**					
Laboratory ID:	08-031-01					
Naphthalene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
2-Methylnaphthalene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
1-Methylnaphthalene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Acenaphthylene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Acenaphthene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Fluorene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Phenanthrene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Anthracene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Fluoranthene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Pyrene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[a]anthracene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Chrysene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[b]fluoranthene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo(j,k)fluoranthene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[a]pyrene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Dibenz[a,h]anthracene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[g,h,i]perylene	**ND**	0.0080	EPA 8270D/SIM	8-5-19	8-5-19	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***96***	***40 - 111***				
Pyrene-d10	***95***	***40 - 110***				
Terphenyl-d14	***95***	***45 - 122***				

Date of Report: August 6, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-031
Project: 40300-E320

PAHs EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**E320-EB483-190802-S02**					
Laboratory ID:	08-031-02					
Naphthalene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Acenaphthylene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Acenaphthene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Fluorene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Phenanthrene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Anthracene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Fluoranthene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Pyrene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Chrysene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270D/SIM	8-5-19	8-5-19	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***74***	***40 - 111***				
Pyrene-d10	***81***	***40 - 110***				
Terphenyl-d14	***81***	***45 - 122***				

Date of Report: August 6, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-031
Project: 40300-E320

PAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0805S1					
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	8-5-19	8-5-19	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***99***	***40 - 111***				
Pyrene-d10	***98***	***40 - 110***				
Terphenyl-d14	***99***	***45 - 122***				

Date of Report: August 6, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-031
Project: 40300-E320

PAHs EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-031-01										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.149**	**0.136**	0.167	0.167	ND	89	81	44 - 111	9	21	
Acenaphthylene	**0.139**	**0.138**	0.167	0.167	ND	83	83	47 - 122	1	24	
Acenaphthene	**0.146**	**0.143**	0.167	0.167	ND	87	86	46 - 122	2	24	
Fluorene	**0.153**	**0.146**	0.167	0.167	ND	92	87	53 - 118	5	23	
Phenanthrene	**0.148**	**0.148**	0.167	0.167	ND	89	89	41 - 124	0	24	
Anthracene	**0.149**	**0.145**	0.167	0.167	ND	89	87	53 - 119	3	21	
Fluoranthene	**0.162**	**0.158**	0.167	0.167	ND	97	95	39 - 135	3	32	
Pyrene	**0.152**	**0.149**	0.167	0.167	ND	91	89	39 - 134	2	34	
Benzo[a]anthracene	**0.173**	**0.166**	0.167	0.167	ND	104	99	53 - 131	4	23	
Chrysene	**0.138**	**0.139**	0.167	0.167	ND	83	83	46 - 126	1	24	
Benzo[b]fluoranthene	**0.149**	**0.170**	0.167	0.167	ND	89	102	45 - 127	13	25	
Benzo(j,k)fluoranthene	**0.159**	**0.141**	0.167	0.167	ND	95	84	52 - 122	12	21	
Benzo[a]pyrene	**0.156**	**0.153**	0.167	0.167	ND	93	92	51 - 126	2	24	
Indeno(1,2,3-c,d)pyrene	**0.158**	**0.154**	0.167	0.167	ND	95	92	48 - 127	3	23	
Dibenz[a,h]anthracene	**0.151**	**0.148**	0.167	0.167	ND	90	89	51 - 124	2	22	
Benzo[g,h,i]perylene	**0.141**	**0.140**	0.167	0.167	ND	84	84	50 - 120	1	22	
Surrogate:											
2-Fluorobiphenyl						***88***	***86***	***40 - 111***			
Pyrene-d10						***92***	***91***	***40 - 110***			
Terphenyl-d14						***92***	***91***	***45 - 122***			

Date of Report: August 6, 2019
Samples Submitted: August 2, 2019
Laboratory Reference: 1908-031
Project: 40300-E320

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
E320-EB483-190802-S01	08-031-01	**17**	8-5-19
E320-EB483-190802-S02	08-031-02	**16**	8-5-19

OnSite Environmental Inc.

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 methods 8260 & 8270, 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

Chain of Custody

Page 1 of 1

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

Company: IEM
Project Number: 40300-E320
Project Name: 320.03b
Project Manager: Glenn Hayman
Sampled by: Ryan Holtz

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 4 day (other)

Laboratory Number: 08-031

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	E320-EB485-190802-S01	8/2/19	1020	S	1									X													X
2	E320-EB485-190802-S02	8/2/19	1030	S	1									X													X

	Signature	Company	Date	Time
Relinquished		IEM	8/2/19	1420
Received		OSE	8/2/19	1420
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Email: Glenn Hayman

Data Package: Standard ☑ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

APPENDIX C
Toxicity Equivalent Concentration Calculations

Appendix D

cPAH Toxic Equivalent Concentration Calculations

EL150 (East of 112th Avenue SE and South of SE 15th Street Bellevue, Washington)

Sample ID:		E320-EB48480-190724-S03	
		Detected Concentration	Equivalent Concentration
Compound	**TEF**	mg/kg	mg/kg
Benzo(a)anthracene	0.1	0.32	0.032
Chrysene	0.01	0.026	0.00026
Benzo(b)fluoranthene	0.1	0.026	0.0026
Benzo(k)fluoranthene	0.1	0.026	0.0026
Benzo(a)pyrene	1	0.026	0.026
Indeno(1,2,3-cd)pyrene	0.1	0.026	0.0026
Dibenzo(a,h)anthracene	0.1	0.026	0.0026
TEC			0.06866
MTCA CUL Total cPAH			
Method A Unrestricted Land Use			0.1
Method A Industrial			2
Method B			0.137

Notes

cPAH = carcinogenic polycyclic aromatic hydrocarbon

CUL = cleanup level

mg/kg = milligrams per kilogram

MTCA = Model Toxics Control Act

TEC = Toxic Equivalent Concentration

TEF = Toxicity Equivalency Factor

APPENDIX D
Soil Disposal Tickets

110.08 tons

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 182 Ticket No.: AA*19*11344 Gross: 83,960
Truck Type: Tare: 39,860
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:34:04 Net: 44,100
Tons: 22.05

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

1038

Driver's Signature: Weighed By:

Customer Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 182 Ticket No.: AA*19*11344 Gross: 83,960
Truck Type: Tare: 39,860
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:34:04 Net: 44,100
Tons: 22.05

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Office Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 176 Ticket No.: AA*19*11346 Gross: 86,360
Truck Type: Tare: 39,460
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:42:13 Net: 46,900
Tons: 23.45

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

1038

Driver's Signature: Weighed By:

Customer Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 176 Ticket No.: AA*19*11346 Gross: 86,360
Truck Type: Tare: 39,460
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:42:13 Net: 46,900
Tons: 23.45

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Office Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 158 Ticket No.: AA*19*11351 Gross: 85,360
Truck Type: Tare: 39,440
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 12:03:40 Net: 45,920
Tons: 22.96

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

1038

Driver's Signature: Weighed By:

Customer Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 158 Ticket No.: AA*19*11351 Gross: 85,360
Truck Type: Tare: 39,440
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 12:03:40 Net: 45,920
Tons: 22.96

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Office Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 112 Ticket No.: AA*19*11347 Gross: 78,540
Truck Type: Tare: 39,320
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:50:02 Net: 39,220
Tons: 19.61

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

1038

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Customer Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 112 Ticket No.: AA*19*11347 Gross: 78,540
Truck Type: Tare: 39,320
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:50:02 Net: 39,220
Tons: 19.61

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Office Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 166 Ticket No.: AA*19*11349 Gross: 83,900
Truck Type: Tare: 39,880
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:53:18 Net: 44,020
Tons: 22.01

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

1038

Driver's Signature: Weighed By:

Customer Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 166 Ticket No.: AA*19*11349 Gross: 83,900
Truck Type: Tare: 39,880
Customer: 148-CK Date: 07/24/19 ----------
CUST.CODE: 148 Time: 11:53:18 Net: 44,020
Tons: 22.01

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Office Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 180 Ticket No.: AA*19*11420 Gross: 93,540
Truck Type: Tare: 39,100
Customer: 148-CK Date: 07/25/19 ----------
CUST.CODE: 148 Time: 10:19:00 Net: 54,440
Tons: 27.22

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

1038

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Customer Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 180 Ticket No.: AA*19*11420 Gross: 93,540
Truck Type: Tare: 39,100
Customer: 148-CK Date: 07/25/19 ----------
CUST.CODE: 148 Time: 10:19:00 Net: 54,440
Tons: 27.22

Product: LLC - LOW LEVEL CONTAMINATES
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: Weighed By:

Office Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 180	Ticket No.: AA*19*11531	Gross:	83,280
Truck Type:		Tare:	39,100
Customer: 148-CK	Date: 07/26/19		
CUST.CODE: 148	Time: 11:05:22	Net:	44,180
		Tons:	22.09

Product: FILL - DRY DIRT/CLAY, ASPHALT, CONCRETE, >10% ORGANIC
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

1038

Driver's Signature: _____ Weighed By: _____

Customer Copy (2)

AAA MONROE ROCK CORP., STATE PIT D139/D311/D160
15421 166TH ST SE
SNOHOMISH, WA 98290

Truck No.: 180	Ticket No.: AA*19*11531	Gross:	83,280
Truck Type:		Tare:	39,100
Customer: 148-CK	Date: 07/26/19		
CUST.CODE: 148	Time: 11:05:22	Net:	44,180
		Tons:	22.09

Product: FILL - DRY DIRT/CLAY, ASPHALT, CONCRETE, >10% ORGANIC
Comment:

Job: 148-CK KLB JOB 005 BELLEVUE

Driver's Signature: _____ Weighed By: _____

Office Copy (2)

528.74 tons

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978241	

WEIGHMASTER IN - Kelly F. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 2:36 pm	8/5/19 2:43 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,220 NET TONS 29.92 INBOUND
SCALE OUT TARE WEIGHT 39,380 NET WEIGHT 59,840 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.92	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

REPRINT

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978237	

WEIGHMASTER: IN - Florence D. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 1:39 pm	8/5/19 1:46 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 95,800 NET TONS 28.34 INBOUND
SCALE OUT TARE WEIGHT 39,120 NET WEIGHT 56,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.34	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978230	

WEIGHMASTER IN - Kim L. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 12:45 pm	8/5/19 12:55 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 91,420 NET TONS 26.08 INBOUND
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 52,160 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.08	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978223	

WEIGHMASTER IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
8/5/19 11:39 am	8/5/19 11:59 am

VEHICLE	CONTAINER
SOIL	

REFERENCE 180 KLB CONSTRUCTION

BILL OF LADING

SCALE IN GROSS WEIGHT 108,840 NET TONS 34.78 INBOUND
SCALE OUT TARE WEIGHT 39,280 NET WEIGHT 69,560 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.78	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100				

1038

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978234	

WEIGHMASTER: IN - Florence D. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 1:08 pm	8/5/19 1:22 pm

VEHICLE	CONTAINER
172 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 98,800 NET TONS 29.80 INBOUND
SCALE OUT TARE WEIGHT 39,200 NET WEIGHT 59,600 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.80	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978226	

WEIGHMASTER: IN - Kim L. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
8/5/19 12:10 pm	8/5/19 12:23 pm

VEHICLE	CONTAINER
172 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,480 NET TONS 32.26 INBOUND
SCALE OUT TARE WEIGHT 38,960 NET WEIGHT 64,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.26	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978236	

WEIGHMASTER IN - Florence D. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 1:31 pm	8/5/19 1:40 pm

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,700 NET TONS 30.73 INBOUND
SCALE OUT TARE WEIGHT 39,240 NET WEIGHT 61,460 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.73	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978229	

WEIGHMASTER: IN - Kim L. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 12:37 pm	8/5/19 12:46 pm

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 95,500 NET TONS 28.05 INBOUND
SCALE OUT TARE WEIGHT 39,400 NET WEIGHT 56,100 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.05	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1028

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.

RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978240	

WEIGHMASTER: IN - Kelly F. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 2:17 pm	8/5/19 2:27 pm

VEHICLE	CONTAINER
156 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,080 NET TONS 31.22 INBOUND
SCALE OUT TARE WEIGHT 39,640 NET WEIGHT 62,440 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.22	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978235	

WEIGHMASTER Florence D.

DATE/TIME IN	DATE/TIME OUT
8/5/19 1:14 pm	8/5/19 1:28 pm

VEHICLE	CONTAINER
156 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 89,700 NET TONS 25.10 INBOUND
SCALE OUT TARE WEIGHT 39,500 NET WEIGHT 50,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
25.10	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978228	void 978227

WEIGHMASTER: JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 12:30 pm	8/5/19 12:30 pm

VEHICLE	CONTAINER
156 KLB	

REFERENCE

BILL OF LADING

MANUAL IN GROSS WEIGHT 114,780 NET TONS 37.53 INBOUND
SCALE OUT TARE WEIGHT 39,720 NET WEIGHT 75,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
37.53	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978239	

WEIGHMASTER: IN - Kelly F. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 2:00 pm	8/5/19 2:10 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 106,260 NET TONS 33.39
SCALE OUT TARE WEIGHT 39,480 NET WEIGHT 66,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.39	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978232	

WEIGHMASTER: IN - Florence D. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 1:04 pm	8/5/19 1:14 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 92,860 NET TONS 26.26
SCALE OUT TARE WEIGHT 40,340 NET WEIGHT 52,520

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.26	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978225	

WEIGHMASTER IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
8/5/19 12:03 pm	8/5/19 12:22 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 112,420 NET TONS 36.43 INBOUND
SCALE OUT TARE WEIGHT 39,560 NET WEIGHT 72,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.43	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 1003				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01	TICKET # 978238	CELL
WEIGHMASTER	IN - Kelly F. OUT - JAMIE B.	
DATE/TIME IN 8/5/19 1:58 pm	DATE/TIME OUT 8/5/19 2:05 pm	
VEHICLE 144 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 105,260 NET TONS 33.27 INBOUND
SCALE OUT TARE WEIGHT 38,720 NET WEIGHT 66,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.27	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01	TICKET # 978224	CELL
WEIGHMASTER	IN - Florence D. OUT - Kelly F.	
DATE/TIME IN 8/5/19 12:00 pm	DATE/TIME OUT 8/5/19 12:14 pm	
VEHICLE 144 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 118,500 NET TONS 39.85
SCALE OUT TARE WEIGHT 38,800 NET WEIGHT 79,700

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
39.85	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978231	

WEIGHMASTER IN - Florence D. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/5/19 1:02 pm	8/5/19 1:10 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 90,240 NET TONS 25.73 INBOUND
SCALE OUT TARE WEIGHT 38,780 NET WEIGHT 51,460 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
25.73	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

2270.52 tons

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978255	

WEIGHMASTER IN - Kim L. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/6/19 8:44 am	8/6/19 8:57 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,240 NET TONS 33.04 INBOUND
SCALE OUT TARE WEIGHT 39,160 NET WEIGHT 66,080 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.04	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 1003				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978261	

WEIGHMASTER IN - Kim L. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/6/19 9:42 am	8/6/19 9:53 am

VEHICLE	CONTAINER
172 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 114,680 NET TONS 37.75 INBOUND
SCALE OUT TARE WEIGHT 39,180 NET WEIGHT 75,500 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
37.75	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01	TICKET # 978251	CELL
WEIGHMASTER	Kim L.	
DATE/TIME IN 8/6/19 7:30 am		DATE/TIME OUT 8/6/19 7:38 am
VEHICLE 172 KLB		CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 101,960 NET TONS 31.34
SCALE OUT TARE WEIGHT 39,280 NET WEIGHT 62,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.34	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 1008				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978254	

WEIGHMASTER IN - Kim L. OUT - JAMIE E.

DATE/TIME IN	DATE/TIME OUT
8/6/19 8:38 am	8/6/19 8:46 am

VEHICLE	CONTAINER
172 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 106,600 NET TONS 33.67 INBOUND
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 67,340 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.67	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978258	

WEIGHMASTER IN - Kim L. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/6/19 9:04 am	8/6/19 9:24 am

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,680 NET TONS 33.98 INBOUND
SCALE OUT TARE WEIGHT 39,720 NET WEIGHT 67,960 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.98	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978252	

WEIGHMASTER Kim L.

DATE/TIME IN	DATE/TIME OUT
8/6/19 7:42 am	8/6/19 7:55 am

VEHICLE	CONTAINER
158 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 104,940 NET TONS 32.56 INBOUND
SCALE OUT TARE WEIGHT 39,820 NET WEIGHT 65,120 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.56	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100				

1036

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE 01	TICKET # 978259	CELL
WEIGHMASTER	IN - Kim L. OUT - JANIE B.	
DATE/TIME IN 8/6/19 9:07 am	DATE/TIME OUT 8/6/19 9:28 am	
VEHICLE 154 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 105,740 NET TONS 33.19 INBOUND
SCALE OUT TARE WEIGHT 39,360 NET WEIGHT 66,380 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.19	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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

REPRINT

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-11451 PO:217005

SITE	TICKET #	CELL
01	978260	

WEIGHMASTER: IN - Kim L. OUT - JAMIE B.

DATE/TIME IN	DATE/TIME OUT
8/6/19 9:36 am	8/6/19 9:49 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 109,740 NET TONS 34.99 INBOUND
SCALE OUT TARE WEIGHT 39,760 NET WEIGHT 69,980 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.99	tn	SW-CONT W/FUEL Origin:BELLEVUE/KING 100%				

1038

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

APPENDIX E
Restrictive Covenant

6.4 Environmental Covenant

Return to: Mindy Smart
Heller Ehrman
701-5th Ave. #6100
Seattle, WA 98104

RESTRICTIVE COVENANT

Spieker Properties, L.P., a California Limited Partnership ("Spieker") is the owner of the real property in the County of King, State of Washington (legal description attached hereto as Exhibit A), hereinafter referred to as the "Property". The Property contains petroleum hydrocarbons in subsurface soil locations SS-1 though SS-9 and B-1 through B-3. The concentrations of petroleum hydrocarbons at these locations exceed the Method A cleanup levels set forth in the Washington Model Toxics Control Act Cleanup Regulation. The concentrations are summarized in the Independent Remedial Action Report, dated June 1995 and prepared by Dalton, Olmsted and Fuglevand, at Table 6. A copy of the Report is attached hereto as Exhibit B.

Declarations

Spieker hereby subjects the Property to the following terms, conditions and restrictions ("Restrictive Covenants"):

1. Except as provided in Sections 2 and 3 below, any contaminated soils at the Property may remain in place until such time as Spieker, or its successors, grantees or assigns, redevelops or makes substantial new improvements to the Property which cause excavation of soils containing hazardous substances at concentrations above the then applicable State of Washington cleanup levels, at which time any such soils that have been excavated shall be remediated. For purposes of this Section, demolition of existing buildings, and demolition and/or resurfacing of paved areas of the Property will not be considered a substantial improvement that requires excavation and remediation of subsurface contaminated soils.

2. If any utility or other work is required to be performed at the Property (such as underground cable, wire, conduit, manholes, handholes, plate utility poles) by the City of Bellevue or other public entity or private utility company in areas that contain concentrations of hazardous substances above the then applicable State of Washington cleanup standards, Spieker, or its grantees, successors or assigns, shall remediate any contaminated soils at the Property that will be excavated by such work as necessary for the protection of the health or safety of the persons performing the work, or the protection of human health or the environment.

3. If at any time Spieker, or its grantees, successors or assigns, learns of contamination at the Property which presents an imminent risk to human health or the environment, Spieker, or its grantees, successors, or assigns, shall take immediate action to remediate such contamination.

4. Any activity on the Property that may interfere with the ongoing monitoring of groundwater wells is prohibited. In addition, no groundwater may be taken for potable water purposes at the Property.

9610081236
FILED BY CHICAGO TITLE INSURANCE CO.
REF # W960523?-6

CHICAGO TITLE INSURANCE COMPANY has placed the document of record as a customer courtesy and accepts no liability for the accuracy or validity of the document.

5. Spieker, or its grantees, successors or assigns, must give written notice to the Department of Ecology, or to a successor agency, of such persons intent to convey any interest in the Property. No conveyance of title, easement, lease or other interest in the Property shall be consummated for a period of three years from the date of this document without adequate and complete provision for the continued operations, maintenance and monitoring of the groundwater wells.

6. Spieker, or its grantees, successors or assigns, must notify the Department of Ecology, or its successor agency, prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. Public notice and comment may be sought by the Department of Ecology or its successor agency with regard to the proposed change.

7. Spieker, or its grantees, successors or assigns, shall allow authorized representative of the Department of Ecology, or from a successor agency, the right to enter the Property at reasonable times for the purpose of evaluating compliance with the monitoring of groundwater wells, overseeing any remediation that is required pursuant to Sections 1, 2 and 3 above, to take samples and to inspect records.

8. Spieker, and its grantees, successors and assigns, reserve the right under WAC 173-340-720 and WAC 173-340-440 (1991 ed.) to record an instrument which provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such instrument may be recorded only with consent of the Department of Ecology or of a successor agency. Public notice and comment may be sought by the Department of Ecology or of a successor agency prior to the recording of such an instrument.

9. Any action required by this Restrictive Covenant to be performed by Spieker, or its grantees, successors and assigns, shall be the duty of person who is the legal owner of the Property at the time the action is required, and a prior owner of the Property shall have no duty to perform such action.

9610081236

DATED this 24 day of September, 1996.

SPIEKER PROPERTIES, L.P.,
a California Limited Partnership

By: Spieker Properties, Inc., a Maryland Corporation
Its: General Partner

By: _____
Donald S. Jefferson
Senior Vice President

LEGAL DESCRIPTION OF THE PROPERTY
(Paragraph 4 of Schedule A construction)

LOTS 1, 2, 3 and 4;

TOGETHER WITH TRACTS A, B, C, D, E, F, G, H, I AND J, ALL IN BELLEFIELD OFFICE PARK, ACCORDING TO THE BINDING SITE PLAN RECORDED IN VOLUME 138 OF PLATS, PAGES 25 THROUGH 29, INCLUSIVE, IN KING COUNTY, WASHINGTON.

9610081236

EXHIBIT A

BLE 6 - Results of Soil Analyses

Bellefield Office Park
Bellevue, Washington

Sample Number	Depth (Feet)	WTPH-DX (mg/kg)		Percent Heavy Oil	PCBs (mg/kg)	Volatiles 8021
		Diesel	Heavy Oil			
SS-1/WP-12	<5	40	300	88.2	—	—
SS-2/WP14	<5	46	290	86.3	—	—
SS-3/WP-6	<5	60	340	85.0	—	—
SS-4/WP-10	<5	130	490	79.0	—	—
SS-5/WP-15	<5	730	240	24.7	—	—
SS-6	<5	95	710	88.2	—	—
SS-7	<5	110	920	89.3	—	—
SS-8	<5	78	390	83.3	—	—
SS-9	<5	97	590	85.9	—	—
B1/S3	7.5	1400	9900	87.6	0.34	nd
B1/S6	15	120	1500	92.6	<0.05	—
B1/S7	17.5	210	2700	92.8	<0.05	—
B2/S1	2.5	190	1800	90.5	<0.05	—
B2/S4	10	130	1600	92.5	<0.05	nd
B2/S8	20	530	2300	81.3	0.31	—
B3/S1	2.5	45	440	90.7	0.11	—
B3/S3	7.5	1200	5200	81.3	0.66	nd
B3/S7	17.5	1000	5000	83.3	0.75	—
Cleanup Levels(1)						
MTCA Method A	—	200	200		1	—
MTCA Method B	—	—	—		0.13	—

(1) - Model Toxics Control Act Cleanup Levels and Risk Calculation (CLARC II) Update August 31, 1994

— - not analyzed

nd - not detected

9610081236

EXHIBIT B

Revised: 6/15/95
(DATA.XLS-soil)

Dalton, Olmsted Fuglevand, Inc.

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