VESTIGE
ENVIRONMENTAL

Limited Sub Surface Investigation Level II:

Site Address: 1110 Martin Luther King Jr. Way Seattle, WA

Client: Vincent Fei

Site Assessment Contractor: Vestige Environmental, INC

ICC Certification: 32000769

Contractors License # VESTIEI838DN

Vestige Environmental, INC Phone: 206-607-7105

Site Investigation: 7/16/18

Attention

Vincent Fei

Project #:
175-98-1342

July 31st, 2018

Vestige Environmental, INC
5400 West Marginal Way SW Seattle, WA
206-234-4414
Email: alex@Vestigeenvironmental.com

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July 31, 2018

Mr. Vincent Fei

Subject: Limited Subsurface Investigation Report.
1110 Martin Luther King Jr. Way Seattle,

Dear Mr. Fei:

Vestige Environmental, Inc. is pleased to provide the results of the assessment performed on the above-referenced property. The following report describes the activities, methods, and findings of the Limited environmental sub surface investigational study.

This site assessment was performed under the generally accepted site assessment standards of conduction ESA's

If you have any questions, please do not hesitate to contact Vestige Environmental INC at (206) 607-7105

Sincerely,

Vestige Environmental INC.

Robert F Simons (Senior Site Assessor)
ICC:-32000769

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- -Ground water sampling grid
- -Soil/groundwater samples
- -Site Maps/ Boring locations
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1.1: Purpose:

The purpose of the sub surface investigation was to evaluate previous sample borings done by Kane Environmental (Project #68903). Additional VOC, NWTPH-DX, NWTPH-GX and Lead water and soil samples were gathered from select portions on the property to determine the extent of contamination from previous industrial uses on the property. This was done to determine if a remedial action is necessary and also to determine the size and extent of a contamination plume.

1.2 Site Background

The subject property consists of a single tax parcel (118900-0469)!. County assessor historical documentation concludes the property was developed with a mix use of an automotive repair shop and gasoline station in early 1950. Available records document the current structure was redesigned in 1961 as an automotive repair facility which is currently occupied by a J&J Auto Master's repair shop. The gasoline station was deemed out of commission in 1982 and the pump island and pumps were removed from the station.

1.3 Scope of Work

Vestige Environmental was hired by Mr Vincent Fei to conduct a limited sub-surface investigation. This was done to determine if soil and groundwater contamination exist from previous industrial uses on the property. On July 16th 2018, Vestige conducted 9 borings with a track-mounted Geoprobe Model 54LT direct push driller. Borings were advanced within the hydraulic lift center inside the auto repair shop and nearest all property corners to determine if contamination is migrating offsite.

1.4 Boring Locations

Boring samples 1-3 were obtained from the West side of the property nearest the North property line and the previous gasoline pump island. Boring sampling 4-5 were obtained on the South East side of the property. Samples 6-9 were gathered from inside the automotive repair shop and the exterior of the shop nearest the North and East property line. Refer to Figure 1 for a map indicating boring locations. All boring samples were advanced to a maximum depth of 15.5FBGS.

1.5 Soil Sampling (Please reference figure #2 Sampling Grid)

During the soil sample collection process, Vestige field screened all samples using a PID and sheen test prior to collection and submittal for lab testing. All sample collection procedures were in accordance with EPA Method 5035A!. All suspect soil sample's were categorized and labeled for contaminate of concern and depth below grade surface. All soil samples were immediately place into laboratory cleaned jars and placed into a 20 gallon ice filled cooler prior to transportation to Onsite Environmental Inc for lab testing.

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Analytical methods for soil sample collection.

- NWTPH-DX for diesel and heavy oil.

- Volatile organic compounds (VOC'S) (Reference Onsite Lab Analysis)

- NWTPH-GX for gasoline

- Total Lead

Figure #1

Site Characterization

Soil Sampling Data Summary

1110 Martin Luther King Jr, Way Seattle, WA

Confirmation Sampling: 7/16/18

Project #	Sample Date	Other # Lab	Type	NWtPH-DX mg/kg	NWTPH-GX mg/kg	Lead mg/kg	Depth BG/ft
1	7/16/18	SB1	C	ND	ND	ND	8.00
2	7/16/18	SB2	C	ND	ND	ND	8.00
3	7/16/18	SB5	C	ND	ND	ND	8.00
4	7/16/18	SB6	C	250	880	55	6.5-14.5
5	7/16/18	SB8	C	1,800	ND	60	12.00

Definitions

MTCA - A WTPH-D & DX limit = 2000 mg/kg

MTCA-A Lead -250 MG/KG

MTCA-A Gasoline NWTPH-GX 100 mg/kg

SA-Site Assessment

CH-Characterization

CC-Confirmation/Closure

C- Confirmation

SB-Soil Boring

SP-Stockpiled Soil

NA-Not Applicable

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1.6 Groundwater Sampling (Please reference figure #3 Sampling Grid)

Vestige began drilling to a maximum depth of 15.5FBGS for all groundwater collection samples. Groundwater samples were collected between 7.5FBGS-15FBS. Groundwater samples were retrieved from each boring using a 3/8-inch diameter polyethylene tubing fed through a peristaltic pump into preserved vials and laboratory jars for analysis . Each vial and jar was filled to minimize the potential for volatilization, and labeled for identification, and then stored into a laboratory cooler for transport to Onsite Environmental Inc for lab testing.

New tubing was used for each boring. The boring device was decontaminated after each bore hole to keep from cross contamination. Groundwater fluctuates 7.5 feet downward to the North from boring location 1.

Site Characterization **Figure #2**

Water Sampling Data Summary

1110 Martin Luther King Jr, Way Seattle, WA

Confirmation Sampling: 7/16/18

Project #	Sample Date	Other # Lab	Type	NWtPH-DX mg/l	NWTPH-GX ug/l	Lead ug/l	Depth BG/ft
1	7/16/18	SBW1	C	ND	ND	650	7.50
2	7/16/18	SBW2	C	ND	ND	240	15.00
3	7/16/18	SBW5	C	ND	ND	200	15.00
4	7/16/18	SBW6	C	5.7	1,600	670	10.00
5	7/16/18	SBW8	C	0.49	ND	230	12.00

Definitions

MTCA - A WTPH-D & DX limit = .50 UG/L (Converted to UG/L)

MTCA-A Lead -15 UG/L

MTCA-A Gasoline NWTPH-GX 100 mg/kg

SA-Site Assessment

CH-Characterization

CC-Confirmation/Closure

C- Confirmation

SB-Soil Boring

SP-Stockpiled Soil

NA-Not Applicable

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1.7 Field Screening

During the limited sub-surface investigational study, all borings were field screened prior to sample collection. Boring locations 3, 4, 5, and 7 were field screened using a pid and sheen test. No values were present for VOC'S or petroleum vapor nor was a visible sheen detected during sheen testing. Further certified soil sampling was not conducted within these areas.

1.8 Sample Definitions

All appropriate sampling protocols were followed. Samples were kept cool or refrigerated until delivery to Onsite Environmental Inc for lab processing. NWTPH-DX, NWTPH-GX, lead and VOC'S were analyzed.

A low flow peristaltic pump was used to collect each set of water samples. Prior to moving to a new location the pump was decontaminated with a detergent/water solution and rinsed with distilled water. A new polyethylene plastic pipe was installed for each set of soil boring water samples.

Sample Definitions:

Characterization (CH)

A sample collected to provide information about the level of contamination, the type of contamination and information regarding plume location. This sample can be converted to a confirmation sample if the level of contamination is lower than the MTCA limit or the project limit with a low contaminate value generally representing the boundary of the contamination plume.

Confirmation (C)

This sample is collected to show that the level of contamination is below MTCA or project limits or to define the outer limits of a plume. Values below MTCA or project limits could be used for closure. A high value sample originally collected as confirmation would be reclassified as Characterization and would generally be used to show contamination is still present, the plume boundary and that the plume boundary had not been reached.

Confirmation/Closure (CC)

These samples are collected to confirm the level of contamination at the boundaries of an excavation during a site assessment or at the end of a remediation project. Media type, proximity to the contamination and field screening are all considered when selecting the location for these samples. A worst-case sample strategy is applied to provide the highest possible statistical accuracy for the sample analytical results.

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1.9 Discussion

On July 16, 2018 Vestige Environmental commenced 9 soil borings.. Each boring was pushed down 15.50 FBGS then pulled back so that water could enter the boring hole. A small peristaltic pump was used to collect water from 5 of the suspect borings. Once the samples were collected, they were delivered to (Onsite Environmental Laboratories) for analysis. Analysis returned for all 5 samples with NWTPH-DX (diesel and heavy oil). NWTPH-GX Gasoline and low levels of VOC'S. This data confirms that NWTPH-DX/GX, and lead are present above the MTCA Method A cleanup regulations for unrestricted land use.

2.0 Statement of Existing Conditions and Limitations

The results of this limited site characterization/feasibility study do not preclude the existence of impacts to soil or groundwater in the areas on or off the subject property that were not sampled during the course of this project. Vestige does not warrant that additional tanks or soil contamination do not exist on the subject property, or that migration of contamination on to the subject property has not occurred from offsite properties. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services. The areas of the site explored by Vestige's evaluation of the subject property are related to the release associated with the known tank as shown on the Site Plan. If other tanks or contaminant sources are subsequently discovered, Vestige is not liable for such subsequent discoveries.

2.1 Summary and Conclusions

The limited sub-surface investigational study has concluded that a gasoline, lead, VOC and hydraulic leak has occurred within the property boundaries. This is stemming from leaking UST'S (Underground Storage Tank's) and current and past hydraulic lift uses. In addition VOC contamination has been discovered nearest the North property boundary and nearest the active hydraulic lift jacks. This is likely the cause of parts degreasers during the auto shops cleaning procedures. 5 fuel storage UST's were discovered ranging in size's from 550-6,000 gallons. These tanks would need to be removed prior to a remedial action. The presence of Gasoline, lube oil, lead and VOC'S were present within boring samples SB6 and SB8. Lead was encountered in all 5 water samples collected and were above the MTCA Method A cleanup regulations. Sample ID SWB6 and SWB8 had lube oil and gasoline concentrations above the MTCA Method A cleanup regulations which indicate soil and groundwater may have traveled to the neighboring property to the North and the city right of way to the West. Further investigational study is recommended to delineate the extent of soil and groundwater contamination to the North, East, South and West. Lead contamination exceeding MTCA Method A cleanup regulations of 15UG/L is present in all water samples obtained on the property boundaries. Further delineation of the offsite properties is recommended prior to commencement of a remedial action.

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The analysis samples in the following pages represent the confirmation soil and groundwater samples collected on 7/16/18. (Please reference site drawing and Onsite analysis).

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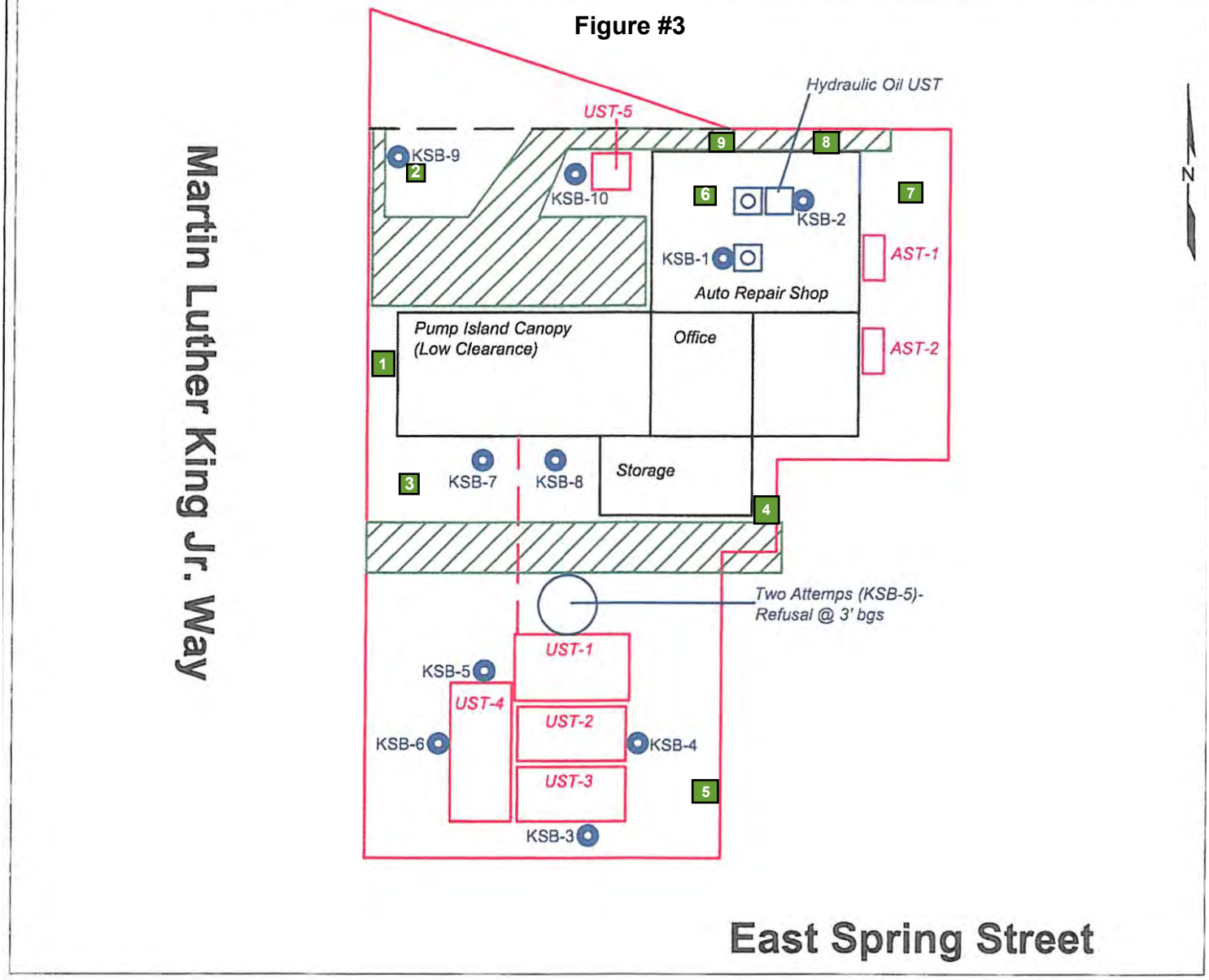
Figure #3



LEGEND

- Approximate Locations of Property Boundary
- Approximate Locations of Buildings and Features
- Approximate Location of Northwestern Fenceline
- Approximate Locations of Underground Storage Tanks (USTs)
- Approximate Location of Fuel transfer Lines
- Approximate Location of Former Underground Hydraulic Lifts
- Approximate Locations of Direct Push Borings (August 2015) **Reference Kane Environmental Report**
- Areas of the Property Unavailable for Subsurface Investigation due to Utility Corridors (Sewer & Water)
- Heating Oil and Waste Oil ASTs (Not Investigated)

Core Drilling locations 7/16/18

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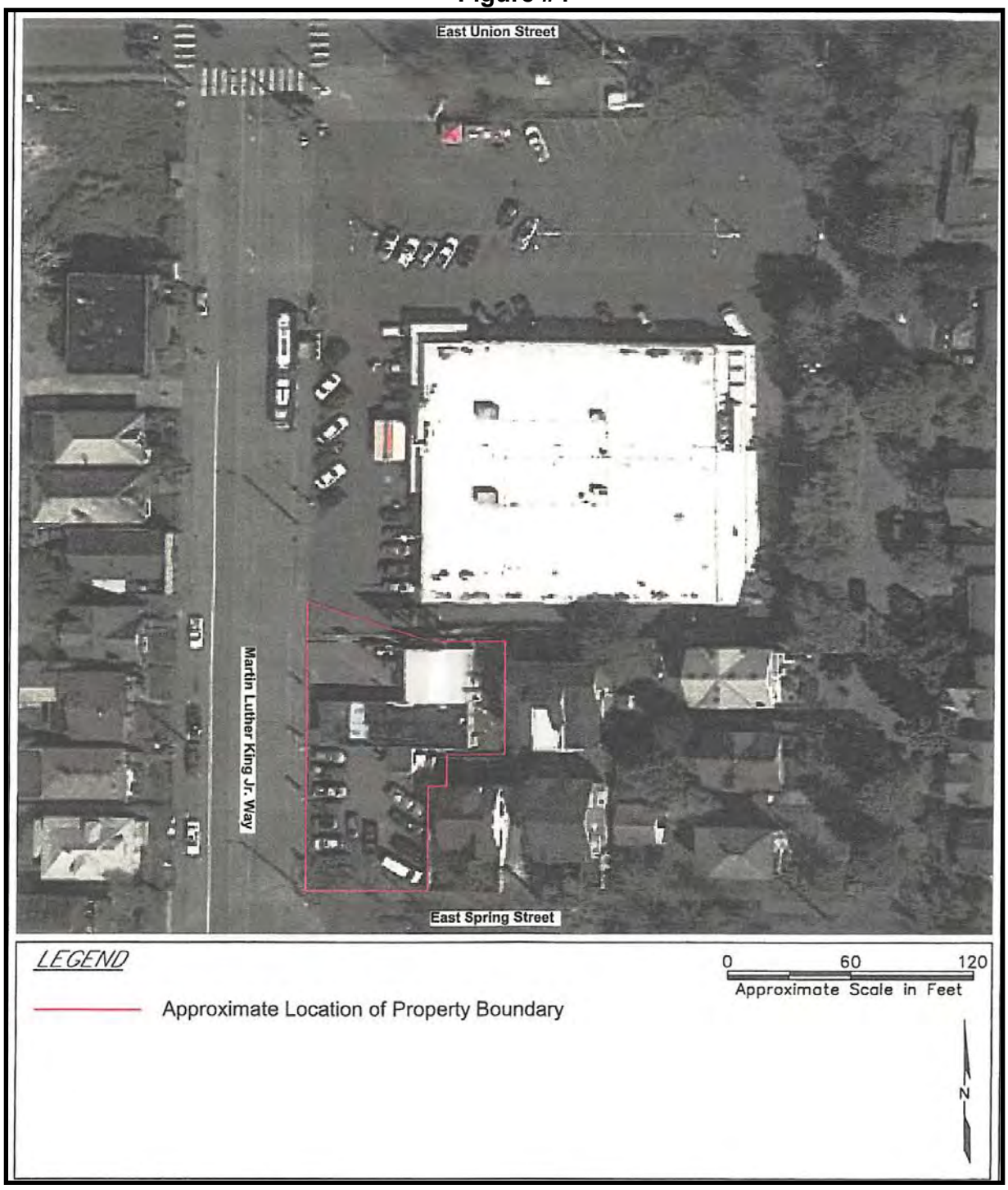
Figure #4



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

July 25, 2018

Alex Perkins
Vestige Environmental
13110 NE 177th Place, Suite 114
Woodinville, WA 98072

Re: Analytical Data for Project Yhh Property; 1110 Martin Luther King Jr, Seattle
Laboratory Reference No. 1807-096

Dear Alex:

Enclosed are the analytical results and associated quality control data for samples submitted on July 16, 2018.

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 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 1**					
Laboratory ID:	07-096-01					
Gasoline	**ND**	4.6	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*57-129*				
Client ID:	**SB 2**					
Laboratory ID:	07-096-02					
Gasoline	**ND**	3.6	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*57-129*				
Client ID:	**SB 5**					
Laboratory ID:	07-096-03					
Gasoline	**ND**	3.8	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*57-129*				
Client ID:	**SB 6**					
Laboratory ID:	07-096-04					
Gasoline	**880**	37	NWTPH-Gx	7-17-18	7-17-18	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*71*	*57-129*				
Client ID:	**SB 8**					
Laboratory ID:	07-096-05					
Gasoline	**ND**	4.7	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*71*	*57-129*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717S1					
Gasoline	**ND**	5.0	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*74*	*57-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-096-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*85*	*84*	*57-129*			

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 1**					
Laboratory ID:	07-096-06					
Gasoline	**ND**	100	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*66-117*				
Client ID:	**SBW 2**					
Laboratory ID:	07-096-07					
Gasoline	**ND**	100	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*66-117*				
Client ID:	**SBW 5**					
Laboratory ID:	07-096-08					
Gasoline	**ND**	100	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*66-117*				
Client ID:	**SBW 6**					
Laboratory ID:	07-096-09					
Gasoline	**1600**	100	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*66-117*				
Client ID:	**SBW 8**					
Laboratory ID:	07-096-10					
Gasoline	**ND**	100	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*66-117*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717W1					
Gasoline	**ND**	100	NWTPH-Gx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*66-117*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-095-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*82*	*82*	*66-117*			

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 1**					
Laboratory ID:	07-096-01					
Diesel Range Organics	**ND**	30	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*50*	*50-150*				
Client ID:	**SB 2**					
Laboratory ID:	07-096-02					
Diesel Range Organics	**ND**	30	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*54*	*50-150*				
Client ID:	**SB 5**					
Laboratory ID:	07-096-03					
Diesel Range Organics	**ND**	31	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*67*	*50-150*				
Client ID:	**SB 6**					
Laboratory ID:	07-096-04					
Diesel Range Organics	**69**	31	NWTPH-Dx	7-17-18	7-17-18	N
Lube Oil	**250**	62	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*62*	*50-150*				
Client ID:	**SB 8**					
Laboratory ID:	07-096-05					
Diesel Range Organics	**ND**	310	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil	**1800**	620	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	07-096-05									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil	**1420**	**1210**	NA	NA		NA	NA	16	NA	
Surrogate:										
o-Terphenyl						--- ---	*50-150*			S,S

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 1**					
Laboratory ID:	07-096-06					
Diesel Range Organics	**ND**	0.29	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	0.46	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**SBW 2**					
Laboratory ID:	07-096-07					
Diesel Range Organics	**ND**	0.30	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	0.48	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**SBW 5**					
Laboratory ID:	07-096-08					
Diesel Range Organics	**ND**	0.29	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	0.46	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				
Client ID:	**SBW 6**					
Laboratory ID:	07-096-09					
Diesel Range Organics	**3.2**	0.29	NWTPH-Dx	7-17-18	7-17-18	N
Lube Oil	**5.7**	0.47	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				
Client ID:	**SBW 8**					
Laboratory ID:	07-096-10					
Diesel Range Organics	**ND**	0.28	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**0.49**	0.44	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				

Date of Report: July 25, 2018
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NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	7-17-18	7-17-18	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-087-01										
	ORIG	DUP									
Diesel Range Organics	**0.501**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*90*	*92*	*50-150*			

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 1**					
Laboratory ID:	07-096-01					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	7-18-18	7-18-18	
Chloromethane	ND	0.0082	EPA 8260C	7-18-18	7-18-18	
Vinyl Chloride	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromomethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chloroethane	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Acetone	0.032	0.0059	EPA 8260C	7-18-18	7-18-18	
Iodomethane	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
Carbon Disulfide	ND	0.0015	EPA 8260C	7-18-18	7-18-18	
Methylene Chloride	ND	0.012	EPA 8260C	7-18-18	7-18-18	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Vinyl Acetate	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Butanone	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
Bromochloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chloroform	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Benzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Trichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Dibromomethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromodichloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
Toluene	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	

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Samples Submitted: July 16, 2018
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 1**					
Laboratory ID:	07-096-01					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Tetrachloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Hexanone	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
Dibromochloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Ethylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
m,p-Xylene	ND	0.0024	EPA 8260C	7-18-18	7-18-18	
o-Xylene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Styrene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromoform	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
Isopropylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
n-Propylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Chlorotoluene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
4-Chlorotoluene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
tert-Butylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
sec-Butylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
n-Butylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	7-18-18	7-18-18	
Naphthalene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*89*	*68-139*				
Toluene-d8	*95*	*79-128*				
4-Bromofluorobenzene	*97*	*71-132*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 2**					
Laboratory ID:	07-096-02					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	7-18-18	7-18-18	
Chloromethane	ND	0.0084	EPA 8260C	7-18-18	7-18-18	
Vinyl Chloride	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromomethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chloroethane	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Acetone	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Iodomethane	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Carbon Disulfide	ND	0.0016	EPA 8260C	7-18-18	7-18-18	
Methylene Chloride	ND	0.012	EPA 8260C	7-18-18	7-18-18	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Vinyl Acetate	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Butanone	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Bromochloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chloroform	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Benzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Trichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Dibromomethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromodichloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Toluene	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 2**					
Laboratory ID:	07-096-02					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Tetrachloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Hexanone	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Dibromochloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Ethylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
m,p-Xylene	ND	0.0024	EPA 8260C	7-18-18	7-18-18	
o-Xylene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Styrene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromoform	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Isopropylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
n-Propylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Chlorotoluene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
4-Chlorotoluene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
tert-Butylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
sec-Butylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
n-Butylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Hexachlorobutadiene	ND	0.0061	EPA 8260C	7-18-18	7-18-18	
Naphthalene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*68-139*				
Toluene-d8	*95*	*79-128*				
4-Bromofluorobenzene	*98*	*71-132*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 5**					
Laboratory ID:	07-096-03					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	7-18-18	7-18-18	
Chloromethane	ND	0.0073	EPA 8260C	7-18-18	7-18-18	
Vinyl Chloride	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Bromomethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Chloroethane	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Acetone	0.038	0.0053	EPA 8260C	7-18-18	7-18-18	
Iodomethane	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
Carbon Disulfide	ND	0.0014	EPA 8260C	7-18-18	7-18-18	
Methylene Chloride	ND	0.011	EPA 8260C	7-18-18	7-18-18	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Vinyl Acetate	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
2-Butanone	0.0064	0.0053	EPA 8260C	7-18-18	7-18-18	
Bromochloromethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Chloroform	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Benzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Trichloroethene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Dibromomethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Bromodichloromethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
Toluene	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 5**					
Laboratory ID:	07-096-03					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Tetrachloroethene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
2-Hexanone	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
Dibromochloromethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Chlorobenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Ethylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
m,p-Xylene	ND	0.0021	EPA 8260C	7-18-18	7-18-18	
o-Xylene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Styrene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Bromoform	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
Isopropylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Bromobenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
n-Propylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
2-Chlorotoluene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
4-Chlorotoluene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
tert-Butylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
sec-Butylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
n-Butylbenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	7-18-18	7-18-18	
Naphthalene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	7-18-18	7-18-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*68-139*				
Toluene-d8	*98*	*79-128*				
4-Bromofluorobenzene	*95*	*71-132*				

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Samples Submitted: July 16, 2018
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Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 6**					
Laboratory ID:	07-096-04					
Dichlorodifluoromethane	ND	0.23	EPA 8260C	7-18-18	7-18-18	
Chloromethane	ND	0.98	EPA 8260C	7-18-18	7-18-18	
Vinyl Chloride	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Bromomethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Chloroethane	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Trichlorofluoromethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Acetone	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Iodomethane	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Carbon Disulfide	ND	0.19	EPA 8260C	7-18-18	7-18-18	
Methylene Chloride	ND	1.4	EPA 8260C	7-18-18	7-18-18	
(trans) 1,2-Dichloroethene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Methyl t-Butyl Ether	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Vinyl Acetate	ND	0.71	EPA 8260C	7-18-18	7-18-18	
2,2-Dichloropropane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
(cis) 1,2-Dichloroethene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
2-Butanone	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Bromochloromethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Chloroform	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,1,1-Trichloroethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Carbon Tetrachloride	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloropropene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Benzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloroethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Trichloroethene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloropropane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Dibromomethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Bromodichloromethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
2-Chloroethyl Vinyl Ether	ND	0.71	EPA 8260C	7-18-18	7-18-18	
(cis) 1,3-Dichloropropene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Methyl Isobutyl Ketone	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Toluene	ND	0.71	EPA 8260C	7-18-18	7-18-18	
(trans) 1,3-Dichloropropene	ND	0.14	EPA 8260C	7-18-18	7-18-18	

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 6**					
Laboratory ID:	07-096-04					
1,1,2-Trichloroethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Tetrachloroethene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,3-Dichloropropane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
2-Hexanone	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Dibromochloromethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromoethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Chlorobenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,1,1,2-Tetrachloroethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Ethylbenzene	3.6	0.14	EPA 8260C	7-18-18	7-18-18	
m,p-Xylene	5.0	0.28	EPA 8260C	7-18-18	7-18-18	
o-Xylene	0.29	0.14	EPA 8260C	7-18-18	7-18-18	
Styrene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Bromoform	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Isopropylbenzene	0.82	0.14	EPA 8260C	7-18-18	7-18-18	
Bromobenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,1,2,2-Tetrachloroethane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichloropropane	ND	0.14	EPA 8260C	7-18-18	7-18-18	
n-Propylbenzene	2.8	0.14	EPA 8260C	7-18-18	7-18-18	
2-Chlorotoluene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
4-Chlorotoluene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,3,5-Trimethylbenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
tert-Butylbenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trimethylbenzene	27	0.14	EPA 8260C	7-18-18	7-18-18	
sec-Butylbenzene	0.95	0.14	EPA 8260C	7-18-18	7-18-18	
1,3-Dichlorobenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
p-Isopropyltoluene	1.1	0.14	EPA 8260C	7-18-18	7-18-18	
1,4-Dichlorobenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
1,2-Dichlorobenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
n-Butylbenzene	2.6	0.14	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromo-3-chloropropane	ND	0.71	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trichlorobenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Hexachlorobutadiene	ND	0.71	EPA 8260C	7-18-18	7-18-18	
Naphthalene	7.2	0.14	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichlorobenzene	ND	0.14	EPA 8260C	7-18-18	7-18-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*68-139*				
Toluene-d8	*101*	*79-128*				
4-Bromofluorobenzene	*109*	*71-132*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
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Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 8**					
Laboratory ID:	07-096-05					
Dichlorodifluoromethane	ND	0.0020	EPA 8260C	7-18-18	7-18-18	
Chloromethane	ND	0.0086	EPA 8260C	7-18-18	7-18-18	
Vinyl Chloride	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromomethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chloroethane	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Acetone	0.094	0.0062	EPA 8260C	7-18-18	7-18-18	
Iodomethane	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
Carbon Disulfide	0.0017	0.0016	EPA 8260C	7-18-18	7-18-18	Y
Methylene Chloride	ND	0.012	EPA 8260C	7-18-18	7-18-18	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Vinyl Acetate	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
(cis) 1,2-Dichloroethene	0.0017	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Butanone	0.024	0.0062	EPA 8260C	7-18-18	7-18-18	
Bromochloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chloroform	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Benzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Trichloroethene	0.0033	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Dibromomethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromodichloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Chloroethyl Vinyl Ether	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Methyl Isobutyl Ketone	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
Toluene	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 8**					
Laboratory ID:	07-096-05					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Tetrachloroethene	0.0018	0.0012	EPA 8260C	7-18-18	7-18-18	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
2-Hexanone	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
Dibromochloromethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Chlorobenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Ethylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
m,p-Xylene	ND	0.0025	EPA 8260C	7-18-18	7-18-18	
o-Xylene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Styrene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromoform	ND	0.0062	EPA 8260C	7-18-18	7-18-18	
Isopropylbenzene	ND	0.0012	EPA 8260C	7-18-18	7-18-18	
Bromobenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,1,2,2-Tetrachloroethane	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,2,3-Trichloropropane	ND	0.080	EPA 8260C	7-19-18	7-19-18	
n-Propylbenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
2-Chlorotoluene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
4-Chlorotoluene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,3,5-Trimethylbenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
tert-Butylbenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,2,4-Trimethylbenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
sec-Butylbenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,3-Dichlorobenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
p-Isopropyltoluene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,4-Dichlorobenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,2-Dichlorobenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
n-Butylbenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,2-Dibromo-3-chloropropane	ND	0.40	EPA 8260C	7-19-18	7-19-18	
1,2,4-Trichlorobenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
Hexachlorobutadiene	ND	0.40	EPA 8260C	7-19-18	7-19-18	
Naphthalene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
1,2,3-Trichlorobenzene	ND	0.080	EPA 8260C	7-19-18	7-19-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*68-139*				
Toluene-d8	*99*	*79-128*				
4-Bromofluorobenzene	*80*	*71-132*				

Date of Report: July 25, 2018
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VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0718S1					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	7-18-18	7-18-18	
Chloromethane	ND	0.0069	EPA 8260C	7-18-18	7-18-18	
Vinyl Chloride	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Bromomethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Chloroethane	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Acetone	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Iodomethane	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Carbon Disulfide	ND	0.0013	EPA 8260C	7-18-18	7-18-18	
Methylene Chloride	ND	0.010	EPA 8260C	7-18-18	7-18-18	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Vinyl Acetate	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
2-Butanone	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Bromochloromethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Chloroform	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Benzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Trichloroethene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Dibromomethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Bromodichloromethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Toluene	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	

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METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0718S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Tetrachloroethene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
2-Hexanone	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Dibromochloromethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Chlorobenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Ethylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
m,p-Xylene	ND	0.0020	EPA 8260C	7-18-18	7-18-18	
o-Xylene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Styrene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Bromoform	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Isopropylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Bromobenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
n-Propylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
2-Chlorotoluene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
4-Chlorotoluene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
tert-Butylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
sec-Butylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
n-Butylbenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	7-18-18	7-18-18	
Naphthalene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	7-18-18	7-18-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*89*	*68-139*				
Toluene-d8	*98*	*79-128*				
4-Bromofluorobenzene	*98*	*71-132*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0719S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Chloromethane	ND	0.0072	EPA 8260C	7-19-18	7-19-18	
Vinyl Chloride	ND	0.0014	EPA 8260C	7-19-18	7-19-18	
Bromomethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Chloroethane	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Acetone	ND	0.010	EPA 8260C	7-19-18	7-19-18	
Iodomethane	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
Carbon Disulfide	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Methylene Chloride	ND	0.010	EPA 8260C	7-19-18	7-19-18	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Vinyl Acetate	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
2-Butanone	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
Bromochloromethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Chloroform	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Benzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Trichloroethene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Dibromomethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Bromodichloromethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
2-Chloroethyl Vinyl Ether	ND	0.0076	EPA 8260C	7-19-18	7-19-18	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Methyl Isobutyl Ketone	ND	0.0065	EPA 8260C	7-19-18	7-19-18	
Toluene	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	

Date of Report: July 25, 2018
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VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0719S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Tetrachloroethene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
2-Hexanone	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
Dibromochloromethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Chlorobenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Ethylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
m,p-Xylene	ND	0.0020	EPA 8260C	7-19-18	7-19-18	
o-Xylene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Styrene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Bromoform	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
Isopropylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Bromobenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
n-Propylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
2-Chlorotoluene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
4-Chlorotoluene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
tert-Butylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
sec-Butylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
n-Butylbenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	7-19-18	7-19-18	
Naphthalene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	7-19-18	7-19-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*68-139*				
Toluene-d8	*101*	*79-128*				
4-Bromofluorobenzene	*97*	*71-132*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

VOLATILES by 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:	SB0718S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0453**	**0.0464**	0.0500	0.0500	91	93	53-141	2	17	
Benzene	**0.0499**	**0.0485**	0.0500	0.0500	100	97	70-130	3	15	
Trichloroethene	**0.0517**	**0.0522**	0.0500	0.0500	103	104	74-122	1	16	
Toluene	**0.0521**	**0.0524**	0.0500	0.0500	104	105	76-130	1	15	
Chlorobenzene	**0.0498**	**0.0506**	0.0500	0.0500	100	101	75-120	2	14	
Surrogate:										
Dibromofluoromethane					*89*	*93*	*68-139*			
Toluene-d8					*100*	*101*	*79-128*			
4-Bromofluorobenzene					*98*	*101*	*71-132*			

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

VOLATILES by 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:	SB0719S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0393**	**0.0407**	0.0500	0.0500	79	81	53-141	4	17	
Benzene	**0.0412**	**0.0422**	0.0500	0.0500	82	84	70-130	2	15	
Trichloroethene	**0.0382**	**0.0408**	0.0500	0.0500	76	82	74-122	7	16	
Toluene	**0.0408**	**0.0420**	0.0500	0.0500	82	84	76-130	3	15	
Chlorobenzene	**0.0384**	**0.0400**	0.0500	0.0500	77	80	75-120	4	14	
Surrogate:										
Dibromofluoromethane					*98*	*95*	*68-139*			
Toluene-d8					*98*	*100*	*79-128*			
4-Bromofluorobenzene					*97*	*96*	*71-132*			

Date of Report: July 25, 2018
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Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 1**					
Laboratory ID:	07-096-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Vinyl Chloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromomethane	ND	2.5	EPA 8260C	7-17-18	7-17-18	
Chloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Acetone	22	5.0	EPA 8260C	7-17-18	7-17-18	
Iodomethane	ND	7.1	EPA 8260C	7-17-18	7-17-18	
Carbon Disulfide	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methylene Chloride	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Vinyl Acetate	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Butanone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Bromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloroform	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Benzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Trichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Dibromomethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromodichloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Toluene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 1**					
Laboratory ID:	07-096-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Tetrachloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Hexanone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Dibromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Ethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
m,p-Xylene	ND	0.40	EPA 8260C	7-17-18	7-17-18	
o-Xylene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Styrene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromoform	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Isopropylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Propylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
tert-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
sec-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
p-Isopropyltoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Naphthalene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*110*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 2**					
Laboratory ID:	07-096-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Vinyl Chloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromomethane	ND	2.5	EPA 8260C	7-17-18	7-17-18	
Chloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Acetone	22	5.0	EPA 8260C	7-17-18	7-17-18	
Iodomethane	ND	7.1	EPA 8260C	7-17-18	7-17-18	
Carbon Disulfide	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methylene Chloride	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Vinyl Acetate	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Butanone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Bromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloroform	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Benzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Trichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Dibromomethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromodichloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Toluene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 2**					
Laboratory ID:	07-096-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Tetrachloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Hexanone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Dibromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Ethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
m,p-Xylene	ND	0.40	EPA 8260C	7-17-18	7-17-18	
o-Xylene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Styrene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromoform	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Isopropylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Propylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
tert-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
sec-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
p-Isopropyltoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Naphthalene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*111*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

VOLATILES EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 5**					
Laboratory ID:	07-096-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Vinyl Chloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromomethane	ND	2.5	EPA 8260C	7-17-18	7-17-18	
Chloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Acetone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Iodomethane	ND	7.1	EPA 8260C	7-17-18	7-17-18	
Carbon Disulfide	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methylene Chloride	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Vinyl Acetate	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Butanone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Bromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloroform	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Benzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Trichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Dibromomethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromodichloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Toluene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	

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Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 5**					
Laboratory ID:	07-096-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Tetrachloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Hexanone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Dibromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Ethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
m,p-Xylene	ND	0.40	EPA 8260C	7-17-18	7-17-18	
o-Xylene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Styrene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromoform	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Isopropylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Propylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
tert-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
sec-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
p-Isopropyltoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Naphthalene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*75-127*				
Toluene-d8	*95*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Samples Submitted: July 16, 2018
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Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 6**					
Laboratory ID:	07-096-09					
Dichlorodifluoromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Chloromethane	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Vinyl Chloride	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Bromomethane	ND	13	EPA 8260C	7-17-18	7-17-18	
Chloroethane	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Trichlorofluoromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Acetone	ND	25	EPA 8260C	7-17-18	7-17-18	
Iodomethane	ND	36	EPA 8260C	7-17-18	7-17-18	
Carbon Disulfide	1.3	1.0	EPA 8260C	7-17-18	7-17-18	
Methylene Chloride	ND	5.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Methyl t-Butyl Ether	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Vinyl Acetate	ND	5.0	EPA 8260C	7-17-18	7-17-18	
2,2-Dichloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2-Butanone	ND	25	EPA 8260C	7-17-18	7-17-18	
Bromochloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Chloroform	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,1,1-Trichloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Carbon Tetrachloride	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloropropene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Benzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Trichloroethene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Dibromomethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Bromodichloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2-Chloroethyl Vinyl Ether	ND	5.0	EPA 8260C	7-17-18	7-17-18	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Methyl Isobutyl Ketone	ND	10	EPA 8260C	7-17-18	7-17-18	
Toluene	ND	5.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260C	7-17-18	7-17-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 6**					
Laboratory ID:	07-096-09					
1,1,2-Trichloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Tetrachloroethene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,3-Dichloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2-Hexanone	ND	10	EPA 8260C	7-17-18	7-17-18	
Dibromochloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromoethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Chlorobenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Ethylbenzene	17	1.0	EPA 8260C	7-17-18	7-17-18	
m,p-Xylene	20	2.0	EPA 8260C	7-17-18	7-17-18	
o-Xylene	2.5	1.0	EPA 8260C	7-17-18	7-17-18	
Styrene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Bromoform	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Isopropylbenzene	2.7	1.0	EPA 8260C	7-17-18	7-17-18	
Bromobenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
n-Propylbenzene	8.4	1.0	EPA 8260C	7-17-18	7-17-18	
2-Chlorotoluene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
4-Chlorotoluene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,3,5-Trimethylbenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
tert-Butylbenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trimethylbenzene	120	1.0	EPA 8260C	7-17-18	7-17-18	
sec-Butylbenzene	1.9	1.0	EPA 8260C	7-17-18	7-17-18	
1,3-Dichlorobenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
p-Isopropyltoluene	2.6	1.0	EPA 8260C	7-17-18	7-17-18	
1,4-Dichlorobenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2-Dichlorobenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
n-Butylbenzene	4.9	1.0	EPA 8260C	7-17-18	7-17-18	Y
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Hexachlorobutadiene	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Naphthalene	30	5.0	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

Date of Report: July 25, 2018
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Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 8**					
Laboratory ID:	07-096-10					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Vinyl Chloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromomethane	ND	2.5	EPA 8260C	7-17-18	7-17-18	
Chloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Acetone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Iodomethane	ND	7.1	EPA 8260C	7-17-18	7-17-18	
Carbon Disulfide	0.35	0.20	EPA 8260C	7-17-18	7-17-18	
Methylene Chloride	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Vinyl Acetate	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
(cis) 1,2-Dichloroethene	0.29	0.20	EPA 8260C	7-17-18	7-17-18	
2-Butanone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Bromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloroform	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Benzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Trichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Dibromomethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromodichloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Toluene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	

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Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 8**					
Laboratory ID:	07-096-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Tetrachloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Hexanone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Dibromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Ethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
m,p-Xylene	ND	0.40	EPA 8260C	7-17-18	7-17-18	
o-Xylene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Styrene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromoform	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Isopropylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Propylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
tert-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
sec-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
p-Isopropyltoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Naphthalene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0717W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloromethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Vinyl Chloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromomethane	ND	2.5	EPA 8260C	7-17-18	7-17-18	
Chloroethane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Acetone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Iodomethane	ND	7.1	EPA 8260C	7-17-18	7-17-18	
Carbon Disulfide	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methylene Chloride	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Vinyl Acetate	ND	1.0	EPA 8260C	7-17-18	7-17-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Butanone	ND	5.0	EPA 8260C	7-17-18	7-17-18	
Bromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chloroform	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Benzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Trichloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Dibromomethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromodichloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Toluene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	7-17-18	7-17-18	

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0717W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Tetrachloroethene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Hexanone	ND	2.0	EPA 8260C	7-17-18	7-17-18	
Dibromochloromethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Chlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Ethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
m,p-Xylene	ND	0.40	EPA 8260C	7-17-18	7-17-18	
o-Xylene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Styrene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromoform	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Isopropylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Bromobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Propylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
tert-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
sec-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
p-Isopropyltoluene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
n-Butylbenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
Naphthalene	ND	1.0	EPA 8260C	7-17-18	7-17-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	7-17-18	7-17-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*110*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

VOLATILES by EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0717W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**12.0**	**11.0**	10.0	10.0	120	110	62-129	9	15	
Benzene	**12.3**	**11.6**	10.0	10.0	123	116	77-127	6	15	
Trichloroethene	**11.2**	**10.2**	10.0	10.0	112	102	70-120	9	15	
Toluene	**11.7**	**10.8**	10.0	10.0	117	108	82-123	8	15	
Chlorobenzene	**10.9**	**10.0**	10.0	10.0	109	100	79-120	9	15	
Surrogate:										
Dibromofluoromethane					*107*	*108*	*75-127*			
Toluene-d8					*99*	*100*	*80-127*			
4-Bromofluorobenzene					*93*	*97*	*78-125*			

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

TOTAL LEAD
EPA 6010D

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB 1**					
Laboratory ID:	07-096-01					
Lead	**ND**	6.0	EPA 6010D	7-17-18	7-17-18	
Client ID:	**SB 2**					
Laboratory ID:	07-096-02					
Lead	**ND**	6.0	EPA 6010D	7-17-18	7-17-18	
Client ID:	**SB 5**					
Laboratory ID:	07-096-03					
Lead	**ND**	6.1	EPA 6010D	7-17-18	7-17-18	
Client ID:	**SB 6**					
Laboratory ID:	07-096-04					
Lead	**55**	6.2	EPA 6010D	7-17-18	7-17-18	
Client ID:	**SB 8**					
Laboratory ID:	07-096-05					
Lead	**60**	6.2	EPA 6010D	7-17-18	7-17-18	

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

TOTAL LEAD
EPA 6010D
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717SM1					
Lead	**ND**	5.0	EPA 6010D	7-17-18	7-17-18	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-096-01										
	ORIG	DUP									
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	07-096-01										
	MS	MSD	MS	MSD		MS	MSD				
Lead	**225**	**228**	250	250	ND	**90**	**91**	75-125	1	20	

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

TOTAL LEAD
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SBW 1**					
Laboratory ID:	07-096-06					
Lead	**650**	2.2	EPA 200.8	7-18-18	7-18-18	
Client ID:	**SBW 2**					
Laboratory ID:	07-096-07					
Lead	**240**	1.1	EPA 200.8	7-18-18	7-18-18	
Client ID:	**SBW 5**					
Laboratory ID:	07-096-08					
Lead	**200**	1.1	EPA 200.8	7-18-18	7-18-18	
Client ID:	**SBW 6**					
Laboratory ID:	07-096-09					
Lead	**670**	2.2	EPA 200.8	7-18-18	7-18-18	
Client ID:	**SBW 8**					
Laboratory ID:	07-096-10					
Lead	**230**	1.1	EPA 200.8	7-18-18	7-18-18	

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

TOTAL LEAD
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0718WM1					
Lead	**ND**	1.1	EPA 200.8	7-18-18	7-18-18	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-098-01										
	ORIG	DUP									
Lead	**1.11**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	07-098-01										
	MS	MSD	MS	MSD		MS	MSD				
Lead	**123**	**126**	222	222	1.11	**55**	**56**	75-125	2	20	

Date of Report: July 25, 2018
Samples Submitted: July 16, 2018
Laboratory Reference: 1807-096
Project: Yhh Property; 1110 Martin Luther King Jr, Seattle

% MOISTURE

Date Analyzed: 7-17-18

Client ID	Lab ID	% Moisture
SB 1	07-096-01	16
SB 2	07-096-02	16
SB 5	07-096-03	18
SB 6	07-096-04	20
SB 8	07-096-05	20

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 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

OnSite Environmental Inc.

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

Chain of Custody

Page 1 of 1

Company: Vestye Environmental
Project Number: 1110 Martin Luther King Jr. Seattle
Project Name: Yhh Property
Project Manager: Alex P
Sampled by: Alex Perkins

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: 07-096

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/[redacted]	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	Total Lead				% Moisture
1	SB 1	7/16/18	10:30am	Soil	3		X		X	X													X				X
2	SB 2		11:05am				X		X	X													X				X
3	SB 5		11:45am				X		X	X													X				X
4	SB 6		1145PM				X		X	X													X				X
5	SB 8		3:54PM				X		X	X													X				X
6	SB W 1		10:30am	Water	5																						
7	SB W 2		11:05		4																						
8	SB W 5		11:45		6																						
9	SB W 6		1145		6																						
10	SB W 8		3:54		6																						

	Signature	Company	Date	Time
Relinquished		Vestye Environmental COPE	7/16/18	6:05PM
Received			7/16/18	1805
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

VESTIGE
ENVIRONMENTAL

Please see the attached site photos

Vestige Environmental, INC
5400 West Marginal Way SW Seattle, WA
206-234-4414

VESTIGE
ENVIRONMENTAL

Property photographs:
Fei Property Date:
1110 Martin Luther King Jr. Way Seattle,

Project No: 175-98-1342
July 16, 2018

Beginning of Borings

Visual of birding casing

Continuance of LAR borings

Removing boring casing

Vestige Environmental, INC
5400 West Marginal Way SW Seattle, WA
206-234-4414
Email: alex@Vestigeenvironmental.com

VESTIGE
ENVIRONMENTAL

5400 West Marginal Way SW
Seattle, WA
Operations Director: Alex (206)-607-7105
Billing: Debbie (206)-849-9446

July 31, 2018

To: Vicent Fei

SUBJECT: **PROPOSAL FOR ENVIRONMENTAL SITE REMEDIATION**
1110 Martin Luther King jr. Way Seattle, WA
Proposal Number: PROP-189-210

Dear Mr. Fei:

Pursuant to your recent request, Vestige Environmental (Vestige) is pleased to submit the following proposal for the soil remediation at 1110 Martin Luther King jr. Way Seattle, WA, which encountered a gasoline leak from an abandoned UST. This proposal follows all independent cleanup actions governed by MTCA Method A cleanup regulations and the independent remedial action.

ENVIRONMENTAL SITE ASSESSMENT AND SITE REMEDIATION SCOPE OF SERVICES

The objective of the site assessment and remediation is to remove any and all environmental contamination concerns on the property stemming from the leaking underground gasoline tank tanks and hydraulic lifts. Remediation of the PCS (Petroleum Contaminated Soil) and Volatile organic compounds VOC'S removes the potential liability to the owner and future owners of the property. In addition, a site assessment will be conducted as outlined in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments:

- The potential for the presence of contaminated soil and/or groundwater.

- The potential for on-Property migration of contaminants from off-Property sources.

- The potential for off-Property migration of on-Property contaminants by air emissions, groundwater, and other media.

Technical Approach

In accordance with ASTM E1527-13, which was developed by ASTM to provide a standardized method of conducting ESAs, Vestige's work on this project will consist of several elements:

- Preparation of a written report documenting our methods and findings, including property photographs, Soil sample locations, water samples, and a map showing showing the depths and analytical results of the soils impacted and remediated from the environmental impact areas.

- Remediation of the existing petroleum contamination estimated at 1,986 tons using a dig and haul.

- Remediation of the existing Volatile organic compounds (VOC) impacted soils Estimated at 1,986 tons.

- Remediation of the existing Lead, GX, DX and VOC impacted groundwater.

- Import and backfill clean aggregate type-II fill material.

- Engineer aggregate type-II backfill material to a 95% or better compaction ratio.

UST REMOVAL SCOPE OF SERVICES

The objective of the UST removal is to remove potential environmental impact sources stemming from an active or inactive UST (Underground Storage Tank). Removing the UST helps in finding environmental contamination concerns on the property stemming from a UST. Remediation of PCS (Petroleum Contaminated Soil) removes the potential liability to the owner and future owners of the property.

- All vent piping and fill piping will be removed in accordance with all federal and state regulations.
  - The UST's (Underground Storage Tank') will be pumped of all fluids and cleaned in accordance with International Code Counsel regulations.
  - The UST's will then be removed and properly disposed of.
  - 3 confirmation soil sample's will be taken in accordance with MTCA Method A regulations to check for potential soil contamination. (Per Tank)
  - Excavate and remove 1 (6,000 gallon gasoline UST).
  - Excavate and removal 3 (2,000 gallon gasoline UST's).
  - Excavate and removal 1 (550 gallon gasoline UST).
  - Triple rinse three UST'S

Technical Approach

- Preparation of a written report documenting our methods and findings, including property photographs and a map showing the locations of each UST.

RELIANCE

The report will be prepared for the exclusive use and reliance of Vincent Fei. Reliance by other parties is prohibited without the written authorization of the client and Vestige Environmental.

If, in the future, the client and Vestige consent to reliance on the report by a third party, Vestige will grant such reliance via a Reliance Letter for an additional fee of $75 per relying party. Reliance on the report by the client and other authorized parties will be subject to the terms, conditions, and limitations stated in the Consulting Services Agreement (and sections of this proposal incorporated therein), the Reliance Letter, and the report.

COST ESTIMATE

ESA and Soil Remediation…….. $275,540.75

The estimated fee listed above includes the reconnaissance time, reporting, travel time, equipment, as well as reimbursable expenses. Vestige has assumed 2 equipment mobilizations to the Property. Vestige assumes that all areas of the property will be accessible during the assessment and site remediation.

VESTIGE
ENVIRONMENTAL

Vestige anticipates completion of the ESA report within 7 business days after remediation and backfill; assuming written authorization to proceed and property access are provided within 3 business days. Vestige shall proceed with such services in a diligent manner to completion or as otherwise directed by the client. Vestige will not be responsible for delays caused by factors beyond the consultant's and contractors control and which could not have been reasonably foreseen or prevented.

Vestige is committed to preserving the environment. Therefore, the client will be provided with a PDF version of the final report. If, however, the client would like hard copies of the report, Vestige is happy to provide up to three copies at no charge. Additional copies will be charged to the client at $75 a copy.

CLOSING

We appreciate the opportunity to provide this proposal for environmental services on this project. If the scope of services and associated costs are acceptable, please sign the attached Work Order 01 for your approval and signature. Please call us at 206-607-7105 if you have any questions.

Work Order No.: 02 Date: July 31, 2018

Execution of this Work Order by Client and Consultant will serve as authorization for Consultant to carry out and complete the Services set forth below in accordance with the Agreement. In the event of any conflict between the terms of this Work Order and the Agreement, or the terms of this Work Order and the terms of the Proposal specified herein, the terms of this Work Order shall control

Client Name:	Vincent Fei
Project Title/Number:	1110 Martin Luther King jr. Way/189-238
Project Location:	1110 Martin Luther King jr. Way Seattle, WA
Scope of Services:	As described in Proposal
List of Deliverables:	Site Assessment and site closure report for remediation of PCS

Soil/Groundwater treatment	Price
Mobilization Komatsu PC228	$1,075
Senior site assessor 40HRS @ $120hr	$4,800
Soil remediation 1,986 Tons $52 per ton	$103,272
Trucking of contaminated soil 353HRS @ $135HR	$47,664
2 Flaggers 80HRS @ $50HR	$8,000

VESTIGE
ENVIRONMENTAL

Soil/Groundwater treatment	Price
2 Labors 80HRS @ $50HR	$8,000
Excavation and backfill Komatsu PC228 80HRS @$150HR	$12,000
Compaction Roller mobilization	$600
Compaction Roller 40HRS @ $130HR	$5,200
Road signage (Sidewalk closure and construction site signage). Includes setup and takedown.	$875
3 Pump carbon and silt filtration system for groundwater treatment	$19,175
Excavation shoring delivery	$600
Excavation shoring	$2,487
Traffic control plan	$175
ROW (Right of way Permit) Includes 2 City precon meetings.	$330
Aggregate Type-II crushed concrete import $18 per yard 611 yards.	$10,998
Trucking of aggregate Type-2 backfill material 50HRS @ $135HR	$6,873.75
Ground water treatment system delivery 4HRS @ $125hr.	$800
Chain link fencing	$1,087
Caution fencing and stakes (Includes Delivery)	$275
Tarps and labor (Includes Delivery)	$225
Soil samples (hole closure 15) 2 day turn turn per sample.	$9,075
Groundwater remediation sampling (9) 2 day turn per sample	$5,445
Environmental Remediation Report	$1,500
UST Removal	**Price**
Marine Chemist for UST inertions	$975
City of Seattle UST permit ($255 per tank)	$1,275
UST cleaning and triple rinse (5 UST'S)	$3,987

VESTIGE
ENVIRONMENTAL

Soil/Groundwater treatment	Price
UST Removal and final disposal (6,000 Gallon)	$1,475
UST Removal and final disposal (2,000 Gallon)	$1,275
UST Removal and final disposal (2,000 Gallon)	$1,275
UST Removal and final disposal (2,000 Gallon)	$1,275
UST Removal and final disposal (550 Gallon)	$900
15 Tank confirmation soil sampling Analyzing NWTPH-GX, B-TEX, Benzene, lead, NWTPH-DX (2 Day)	$9,075
UST removal Report	$500
UST fluid pump and fluid disposal billed @ .91 cents per gallon over 2,000 gallons.	
UST fluid pump and fluid disposal. If under 2,000 total gallons. Fluid disposal will be billed @ .91 cents per gallon plus $1,137 for transportation.	
Total Cost:	$272,540.75

Quarterly Expenses will be billed separately every quarter for the first year: Once Lead, DX,GX and VOC'S drop below MTCA Method A cleanup regulations , quarterly expenses will be billed and conducted semi annually and a final site closure report will be generated once samples are below MTCA Method A Cleanup Regulations:

Quarterly expenses: $3,835

4hr site visit and sampling (Quarterly)	$660
6 water samples, testing for lead, GX, DX and VOC'S (7 day turn around)	$2,700
Silt/lead filter changes	$475
Total Quarterly Expenses	Total: $3,835

Treatment system repair and warranty work:

In the event of faulty units, please contact Vestige immediately to repair and or replace the faulty unit.

VESTIGE
ENVIRONMENTAL

Exclusions: Surveys, Erosion control, Landscaping, Hardscaping, Import of material not listed, Export of soils, Concrete cutting, Chain link fencing, utility disconnects/repairs. Any soils needing to be remediated above 1,986 tons are excluded and will be subject to T&M charges. Treatment of offsite contaminates are excluded. Vestige will remediation soil and groundwater contamination to the properties boundaries. Dewatering is excluded and will be subject to T&M charges if required. Client to have the existing structures on the property demolished and removed prior to commencement of remediation. Sales tax not included. Client to provide resellers permit or applicable sales tax will be added.

Underground storage tank fluid pumping will be billed on T&M charges at .91 cents per gallon.

All work and material is guaranteed. Any altercations or deviations from the above specifications involving extras costs will be executed only upon written order, and will become an extra charge over and above the estimate.

Proposal valid for 30 days from 7/31/18

Time Schedule for Performance of Services:

Start Date:	TDB
Estimated End Date:	14-18 Business days after mutual acceptance.
Deposit	$120,000
Fee for Services:	$275,540.75
Lump Sum	
Total Cost Estimate:	$275,540.75

Additional Provisions/information:

Client to provide access to Property:

Payment: Vestige Accepts Cash, Check, Money order and Credit Cards. If paying by credit card a 3.8% processing fee will be added to the deposit and final invoice. Unpaid balances will accrue interest of 12% per annum.

Vestige Environmental, Inc.

By_____

Print Alex Perkins

Title Operations Director

Date 7/31/18

Vincent Fei

By_____

Print_____

Title_____

Date_____