HWA GEOSCIENCES INC.
Geotechnical & Pavement Engineering · Hydrogeology · Geoenvironmental · Inspection & Testing

June 10, 2014
HWA Project No. 2007-098-994

Washington Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, Washington 98008

Attention: Toxics Cleanup/Underground Storage Tank Unit

Subject: **UST Site Assessment Report**
Former Triangle PArk
10001 Main Street
Bothell, Washington

On behalf of the City of Bothell, I am enclosing the final UST site assessment forms, tans disposal documentation, and laboratory reports for a UST site assessment performed during remedial activities associated with the City's Bothell Landing Interim Action Cleanup. One 300-gallon UST was discovered and removed and petroleum-affected soils associated with the attached laboratory reports were removed from the site.

The UST site assessment report will be incorporated into the final site cleanup report prepared for the action.

Please feel free to contact me if you have any questions or need more information.

Sincerely,

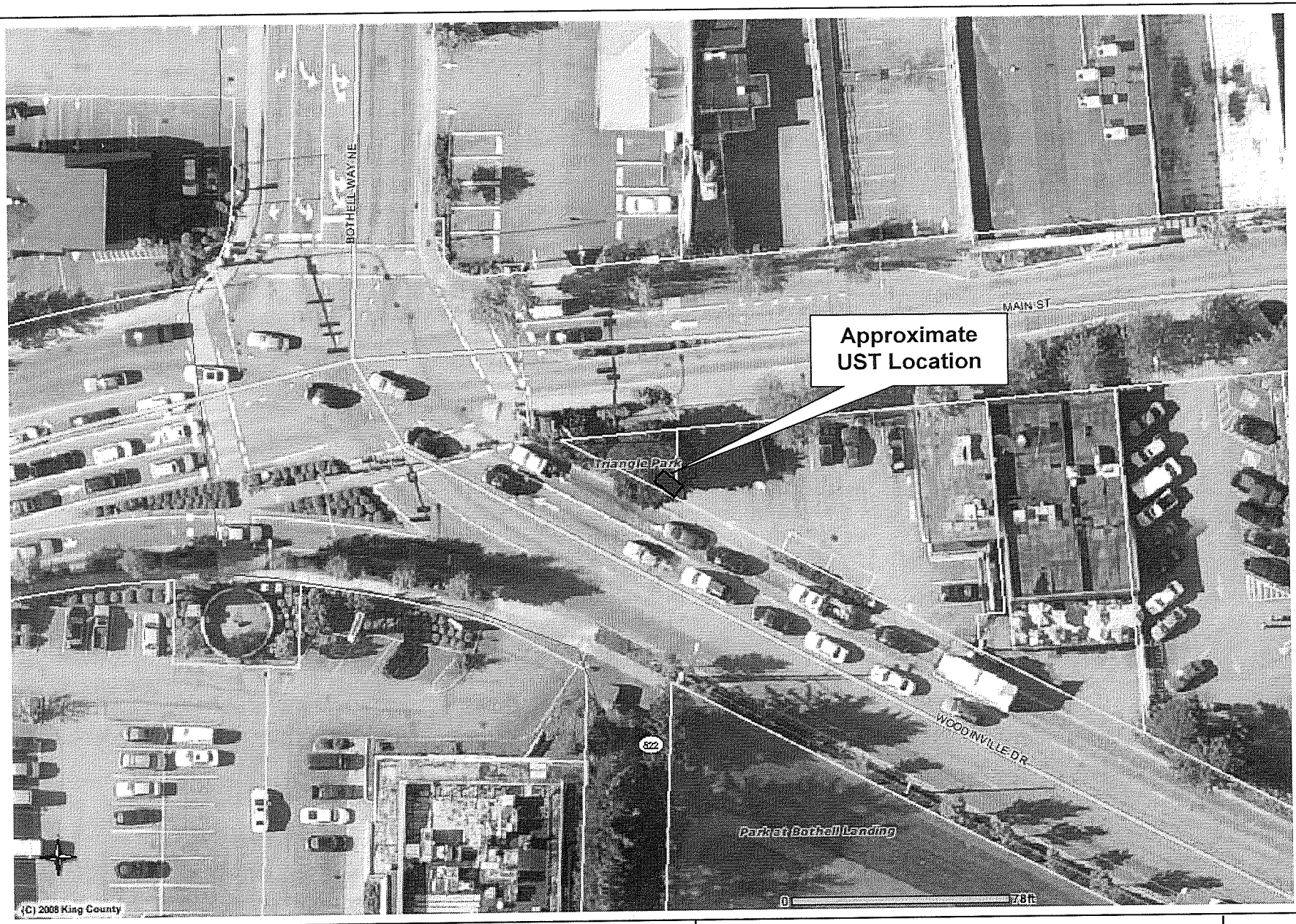
HWA GEOSCIENCES INC.

Vance Atkins
Senior Hydrogeologist
Washington Registered UST Site Assessor

Cc: Nduta Mbuthia, City of Bothell

21312 30th Drive SE
Suite 110
Bothell, WA 98021.7010

Tel: 425.774.0106
Fax: 425.774.2714
www.hwageo.com



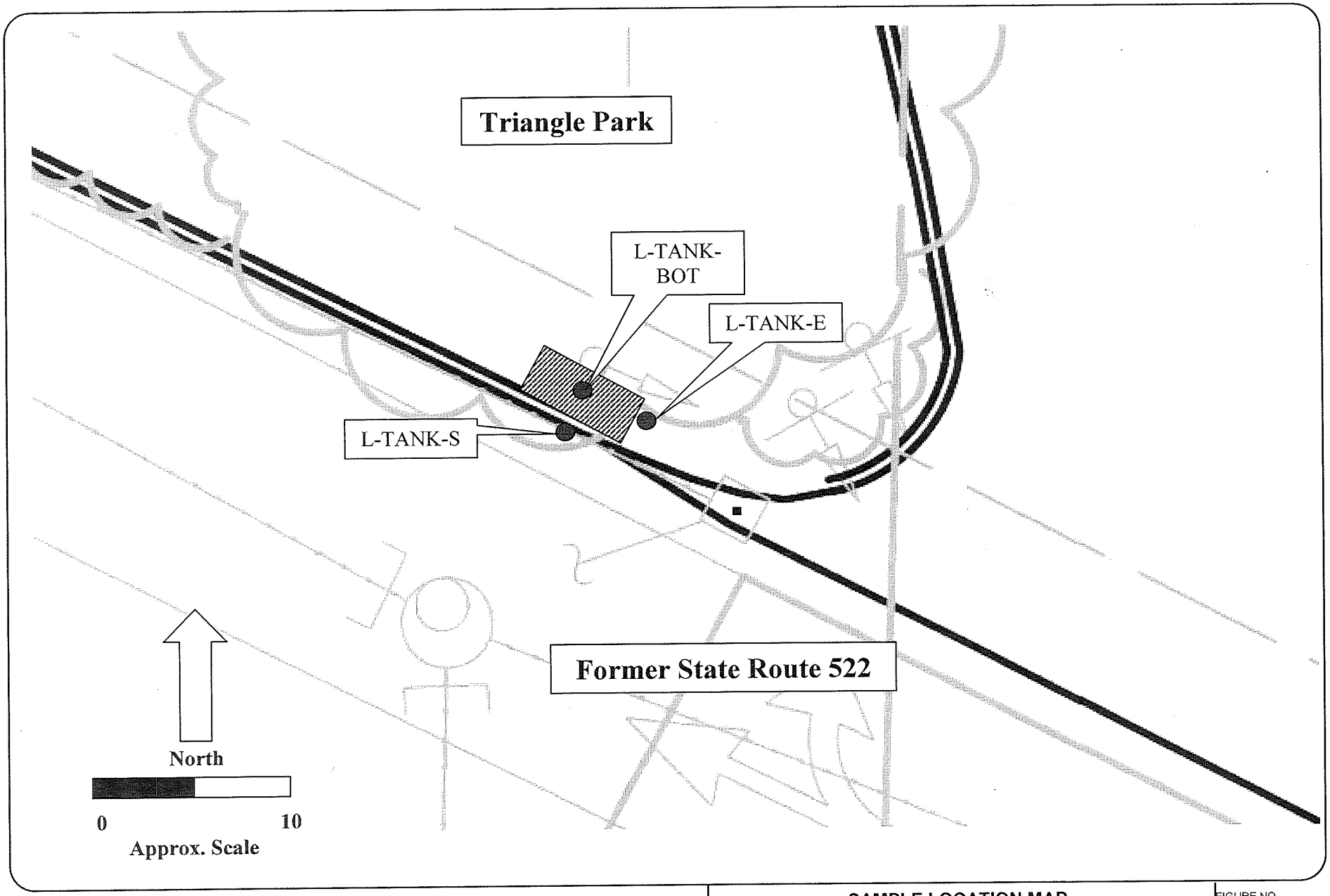
HWA GEOSCIENCES INC.

SITE PLAN

TRIANGLE PARK
UST SITE ASSESSMENT
BOTHELL, WASHINGTON

FIGURE NO.
2

PROJECT NO.
2007-098-994



HWA GeoSciences Inc.

SAMPLE LOCATION MAP

TRIANGLE PARK
UST SITE ASSESSMENT
BOTHELL, WASHINGTON

FIGURE NO.
3

PROJECT NO.
2007-098-994

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
Closure and Site Assessment Notice

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #: 620151
Facility Site ID #: _____

Please ✓ the appropriate box(es)
☐ Temporary Tank Closure ☐ Change-In-Service ☑ Permanent Tank Closure ☒ Site Check/Site Assessment

Site Information

Site ID Number 620151
(Available from Ecology if the tanks are registered)

Site/Business Name _____

Site Address 18120 Bothell Way
Street

City/State Bothell, WA

Zip Code 98011 Telephone (___) _____

Owner Information

UST Owner/Operator City of Bothell

Mailing Address 9654 NE 182nd St
Street

P.O. Box

City/State Bothell WA

Zip Code 98011 Telephone (425) 486-2768

Owners Signature Walter Mauthe for City of Bothell (AM)

Tank Closure/Change-In-Service Company

Service Company Clear Creek Contractors

Certified Supervisor Nathan Hoffman Decommissioning Certification No. 8209012

Supervisor's Signature _____ Date 5-2-14

Address 3919 88th NE St
Street P.O. Box

Marysville WA 98270 Telephone (360) 659 4446
City State Zip Code

Site Check/Site Assessor

Certified Site Assessor Vance Atkins - HWA GeoSciences

Address 21312 30th Dr SE #110
Street P.O. Box

Bothell WA 98021 Telephone (425) 774-0106
City State Zip Code

Tank Information

Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored
1	5/2/14	Removal	300	gasoline

Contamination Present at the Time of Closure

☒ Yes ☐ No ☐ Unknown
Check unknown if no obvious contamination was observed and sample results have not yet been received from analytical lab.

☒ Yes ☐ No
If contamination is present, has the release been reported to the appropriate regional office?

To receive this document in an alternative format, contact the Toxics Cleanup Program at 360-407-7170 (voice) or 1-800-833-6388 OR 711 (TTY)

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

FOR OFFICE USE ONLY
Site #:_____
Facility Site ID #:_____

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by ICC or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
PO Box 47655
Olympia WA 98504-7655

SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): _____
Site/Business Name: CITY OF BOTHELL TRIANGLE PARK
Site Address: 10001 MAIN STREET (Street) Telephone: (___)_____
BOTHELL (City) WA (State) _____ (Zip Code)

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
1	300	GASOLINE

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination.
_____ Investigate suspected release due to off-site environmental contamination.
_____ Extend temporary closure of UST system for more than 12 months.
_____ UST system undergoing change-in-service.
X UST system permanently closed with tank removed.
_____ Abandoned tank containing product.
_____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
_____ Other (describe): _____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.	YES	NO
1. The location of the UST site is shown on a vicinity map.	✓	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	✓	
3. A summary of UST system data is provided. (see Section 3.1.)	✓	
4. The soils characteristics at the UST site are described. (see Section 5.2)	✓	
5. Is there any apparent groundwater in the tank excavation?		✓
6. A brief description of the surrounding land use is provided. (see Section 3.1)	✓	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	✓	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	✓	
- groundwater samples distinguished from soil samples (if applicable) N/A		
- samples collected from stockpiled excavated soil N/A		
- tank and piping locations and limits of excavation pit	✓	
- adjacent structures and streets	✓	
- approximate locations of any on-site and nearby utilities	✓	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4) N/A		
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	✓	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	✓	

12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.	✓	

SITE ASSESSOR INFORMATION

Vance Atkins — Person registered with Ecology

HWA GeoSciences — Firm Affiliated with

Business Address: 21312 30th Dr SE #110 — Street

Telephone: (425) 774-0106

Bothell — City

WA — State

98021 — Zip Code

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

5/5/14 — Date

Signature of Person Registered with Ecology

If you need this publication in an alternate format, please contact Toxics Cleanup Program at (360) 407-7170. For persons with a speech or hearing impairment call 711 for relay service or 800-833-6388 for TTY.

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

May 2, 2014

Arnie Sugar
HWA GeoSciences, Inc.
21312 30th Drive SE, Suite 110
Bothell, WA 98021

Re: Analytical Data for Project 2007-098-994
Laboratory Reference No. 1404-252

Dear Arnie:

Enclosed are the analytical results and associated quality control data for samples submitted on April 30, 2014.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

Case Narrative

Samples were collected on April 30, 2014 and received by the laboratory on April 30, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx/BTEX Analysis

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

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

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

NWTPH-Gx/BTEX

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**L-TANK-BOT**					
Laboratory ID:	04-252-01					
Benzene	**0.39**	0.020	EPA 8021B	4-30-14	4-30-14	
Toluene	**0.090**	0.081	EPA 8021B	4-30-14	4-30-14	
Ethyl Benzene	**1.5**	0.081	EPA 8021B	4-30-14	4-30-14	
m,p-Xylene	**1.5**	0.081	EPA 8021B	4-30-14	4-30-14	
o-Xylene	**ND**	0.81	EPA 8021B	4-30-14	4-30-14	U1
Gasoline	**420**	8.1	NWTPH-Gx	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*71-121*				
Client ID:	**L-TANK-E**					
Laboratory ID:	04-252-02					
Benzene	**ND**	0.020	EPA 8021B	4-30-14	4-30-14	
Toluene	**ND**	0.058	EPA 8021B	4-30-14	4-30-14	
Ethyl Benzene	**ND**	0.058	EPA 8021B	4-30-14	4-30-14	
m,p-Xylene	**ND**	0.058	EPA 8021B	4-30-14	4-30-14	
o-Xylene	**ND**	0.058	EPA 8021B	4-30-14	4-30-14	
Gasoline	**ND**	5.8	NWTPH-Gx	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*71-121*				
Client ID:	**L-TANK-S**					
Laboratory ID:	04-252-03					
Benzene	**ND**	0.020	EPA 8021B	4-30-14	4-30-14	
Toluene	**ND**	0.057	EPA 8021B	4-30-14	4-30-14	
Ethyl Benzene	**ND**	0.057	EPA 8021B	4-30-14	4-30-14	
m,p-Xylene	**ND**	0.057	EPA 8021B	4-30-14	4-30-14	
o-Xylene	**ND**	0.057	EPA 8021B	4-30-14	4-30-14	
Gasoline	**ND**	5.7	NWTPH-Gx	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*71-121*				

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

NWTPH-Gx/BTEX
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0430S2					
Benzene	**ND**	0.020	EPA 8021B	4-30-14	4-30-14	
Toluene	**ND**	0.050	EPA 8021B	4-30-14	4-30-14	
Ethyl Benzene	**ND**	0.050	EPA 8021B	4-30-14	4-30-14	
m,p-Xylene	**ND**	0.050	EPA 8021B	4-30-14	4-30-14	
o-Xylene	**ND**	0.050	EPA 8021B	4-30-14	4-30-14	
Gasoline	**ND**	5.0	NWTPH-Gx	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*71-121*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-252-02										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*98*	*98*	*71-121*			

SPIKE BLANKS									
Laboratory ID:	SB0430S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	**1.05**	**1.14**	1.00	1.00	**105**	**114**	73-121	8	10
Toluene	**1.04**	**1.13**	1.00	1.00	**104**	**113**	75-124	8	10
Ethyl Benzene	**1.02**	**1.09**	1.00	1.00	**102**	**109**	75-125	7	9
m,p-Xylene	**1.04**	**1.11**	1.00	1.00	**104**	**111**	75-126	7	9
o-Xylene	**1.05**	**1.09**	1.00	1.00	**105**	**109**	74-123	4	8
Surrogate:									
Fluorobenzene					*92*	*99*	*71-121*		

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**L-TANK-BOT**					
Laboratory ID:	04-252-01					
Diesel Range Organics	**ND**	27	NWTPH-Dx	4-30-14	4-30-14	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*79*	*50-150*				
Client ID:	**L-TANK-E**					
Laboratory ID:	04-252-02					
Diesel Range Organics	**ND**	29	NWTPH-Dx	4-30-14	4-30-14	
Lube Oil	**89**	59	NWTPH-Dx	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*86*	*50-150*				
Client ID:	**L-TANK-S**					
Laboratory ID:	04-252-03					
Diesel Range Organics	**ND**	28	NWTPH-Dx	4-30-14	4-30-14	
Lube Oil	**290**	56	NWTPH-Dx	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*82*	*50-150*				

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0430S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	4-30-14	4-30-14	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	4-30-14	4-30-14	
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:	04-252-04										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*89*	*87*	*50-150*			

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

cPAHs EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0430S2					
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	4-30-14	4-30-14	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	4-30-14	4-30-14	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	4-30-14	4-30-14	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	4-30-14	4-30-14	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	4-30-14	4-30-14	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270D/SIM	4-30-14	4-30-14	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	4-30-14	4-30-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*43 - 116*				
Pyrene-d10	*92*	*33 - 124*				
Terphenyl-d14	*86*	*38 - 125*				

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

cPAHs EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0430S2									
	SB	SBD	SB	SBD	SB	SBD				
Benzo[a]anthracene	**0.0805**	**0.0823**	0.0833	0.0833	97	99	58 - 115	2	13	
Chrysene	**0.0644**	**0.0665**	0.0833	0.0833	77	80	64 - 114	3	11	
Benzo[b]fluoranthene	**0.0787**	**0.0762**	0.0833	0.0833	94	91	52 - 125	3	19	
Benzo(j,k)fluoranthene	**0.0783**	**0.0849**	0.0833	0.0833	94	102	50 - 126	8	22	
Benzo[a]pyrene	**0.0802**	**0.0823**	0.0833	0.0833	96	99	43 - 123	3	16	
Indeno(1,2,3-c,d)pyrene	**0.0685**	**0.0709**	0.0833	0.0833	82	85	55 - 118	3	16	
Dibenz[a,h]anthracene	**0.0670**	**0.0698**	0.0833	0.0833	80	84	57 - 120	4	15	
Surrogate:										
2-Fluorobiphenyl					*83*	*86*	*43 - 116*			
Pyrene-d10					*91*	*93*	*33 - 124*			
Terphenyl-d14					*84*	*86*	*38 - 125*			

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	04-252-01					
Client ID:	**L-TANK-BOT**					
Lead	**16**	5.4	6010C	4-30-14	4-30-14	
Lab ID:	04-252-02					
Client ID:	**L-TANK-E**					
Lead	**57**	5.9	6010C	4-30-14	4-30-14	
Lab ID:	04-252-03					
Client ID:	**L-TANK-S**					
Lead	**44**	5.6	6010C	4-30-14	4-30-14	

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

TOTAL LEAD
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 4-30-14
Date Analyzed: 4-30-14

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-247-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	**ND**	**ND**	NA	5.0	

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

TOTAL LEAD
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 4-30-14
Date Analyzed: 4-30-14

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-247-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	**245**	98	**248**	99	1	

Date of Report: May 2, 2014
Samples Submitted: April 30, 2014
Laboratory Reference: 1404-252
Project: 2007-098-994

% MOISTURE

Date Analyzed: 4-30-14

Client ID	Lab ID	% Moisture
L-TANK-BOT	04-252-01	8
L-TANK-E	04-252-02	15
L-TANK-S	04-252-03	10
L-PEX-62-10	04-252-04	20
L-PEX-63-7	04-252-05	8
L-PEX-64-7	04-252-06	13
L-PEX-65-7	04-252-07	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-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

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

Company: HWA
Project Number: 2002-098-994
Project Name: Boeing Laundry
Project Manager: Bugan
Sampled by: ATK, MJ

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: 04-252

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level) CPAH	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total ~~HFGA~~ Metals LEAD	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	L-TANK-B05	4/30/14	830	S	2		/		/										/			X
2	L-TANK-E		935				/		/										/			
3	L-TANK-5		840				/		/										/			
4	L-PEA-62-10		850				/		/				X						/			
5	L-PEA-63-7		855				/		/										/			
6	L-PEA-64-7		900				/		/										/			
7	L-PEA-65-7		905				/		/										/			

	Signature	Company	Date	Time
Relinquished		HWA GeoSciences	4/30/14	
Received		ORE	4/30/14	1100
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Clearcreek CONTRACTORS Environmental/Civil

3203 15th Street
Everett, WA 98201

Ph. (425) 252-5800
Fx. (425) 252-1093

Clearcreek CONTRACTORS Environmental/Civil

JOB #	JOB NAME	SITE ADDRESS

GENERATOR NAME	GENERATOR MAILING ADDRESS	GENERATOR CONTACT INFORMATION

PUMP & RINSE / CLEANING CERTIFICATE

DATE	SIZE & DIMENSIONS OF TANK OR STRUCTURE	DESCRIBE CONTENTS	PUMP/RINSE YES NO / CLEANED YES NO	LIQUID QTY	SOLIDS QTY
DATE	SIZE & DIMENSIONS OF TANK OR STRUCTURE	DESCRIBE CONTENTS	PUMP/RINSE YES NO / CLEANED YES NO	LIQUID QTY	SOLIDS QTY
DATE	SIZE & DIMENSIONS OF TANK OR STRUCTURE	DESCRIBE CONTENTS	PUMP/RINSE YES NO / CLEANED YES NO	LIQUID QTY	SOLIDS QTY

NOTES	WORK PERFORMED BY
	WORKER SIGNATURE

LIQUID / SOLIDS BILL OF LADING

DATE	TRUCK #	DRIVER	LIQUID DESCRIPTION AND QUANTITY	SOLID DESCRIPTION AND QUANTITY
	TRLR #	DISPOSAL/RECYCLING FACILITY	LIQUID PROFILE #	SOLIDS PROFILE #

NOTES	GENERATOR'S SIGNATURE CONFIRMS THIS MATERIAL IS NOT REGULATED UNDER WAC-173-303 OR 40CFR PART 261 & 40CFR PART 760 GENERATOR SIGNATURE
	DRIVER SIGNATURE
	FACILITY SIGNATURE

UST CORRECTIVE ACTION CERTIFICATION

I certify that the petroleum contaminated debris and media that fail the test for Toxicity Characteristic Waste codes D018-D043 is exempt under 40CFR 261.4 and is subject to the corrective action regulation under 40 CFR 280.

GENERATOR NAME _____ GENERATOR SIGNATURE _____ DATE _____

DISPOSAL CERTIFICATE

DATE	TRUCK #	DRIVER	ITEM(S) DESCRIPTION
	TRLR #	DISPOSAL/RECYCLING FACILITY	

NOTES	DRIVER SIGNATURE
	FACILITY SIGNATURE