

May 27, 2016

Point Roberts Marina  
713 Simundson Dr.  
Point Roberts, WA 98281

**RE:    Underground Storage Tank Site Assessment at Closure: Point Roberts  
Marina, 713 Simundson Dr. Point Roberts, Washington 98281**

Whatcom Environmental Services Inc. has completed the Site Assessment of an Underground Storage Tank (UST) system closure/replacement conducted at the Point Roberts Marina located at 713 Simundson Dr., Point Roberts, Washington. The site location is shown on Figure 1.

Two UST's (one 15,000-gallon gasoline tank, and one 15,000-gallon diesel tank) were located on the subject property at the location shown on Figure 2. The tanks were decommissioned and removed from the ground by Ultra Tank Services on April 14, 2016. Whatcom Environmental Services personnel were onsite during tank removal activities to conduct a UST Site Assessment. Soil samples were collected in accordance with the Washington State Department of Ecology (Ecology) UST Site Assessment guidance standards (Ecology, 2003).

Field screening indicated that a release had occurred to shallow soil below and adjacent to the gasoline tank. One soil sample was collected to confirm the release (identified as PCS-1). Soil sample analytical results indicated that a release of petroleum products occurred to soil in the southern portion of the excavation. The release was reported to Ecology (ERTS #664451).

This report has been prepared by Whatcom Environmental Services and the information provided herein supplements the completed UST Site Check/Site Assessment Checklist, included in Appendix A.

**Site Setting**

The two UST's were in active service at the Point Roberts Marina Resort located at 713 Simundson Dr. in Point Roberts, Washington. The UST's serviced the fuel dock at the marina. The subject property is bounded to the north and south by open fields, to the west by Simundson Dr., and by the marina to the east. The site location is shown on Figure 1.

The median elevation of the site is approximately 15 feet above mean sea level. The site topography is generally flat. The property is covered by an asphalt parking lot; grassy fields; a multi-tenant building with retail shops, restaurants, and offices; and a canopy for boat storage.

The removed UST's consisted of one 15,000-gallon gasoline storage tank, and one 15,000-gallon diesel storage tank. The tanks were situated to the northwest of the building. Fiberglass product lines ran from the tanks to the sump located adjacent to the fuel dock access ramp. A map showing the location of the two removed tanks and other pertinent site features is provided as Figure 2.

Soils in the vicinity of the UST are described in the Soil Survey of Whatcom County Area, Washington (USDA, 2013). Soils at the property are the Whitehorn silt loams. The soils formed on 0 to 2 percent slopes. The average annual precipitation is 30 to 40 inches, the average annual temperature is 48 to 52°F, and the average frost-free period is 160 to 200 days. The Whitehorn soil is poorly drained. It formed in a mixture of loess, volcanic ash, and glaciofluvial deposits over glaciomarine deposits. Permeability in the Whitehorn soil is moderately low, to moderately high.

The depth to water at the site appeared to be approximately 12 feet below ground surface, and influenced by the tidal fluctuation of the nearby bay.

**Tank Closure**

Mr. Jake Reijm of Whatcom Environmental Services observed the removal of the USTs from the subject property on April 14, 2016. Mr. Reijm is a registered underground storage tank site assessor. Ultra Tank Services provided the tank decommissioning services during the UST removal.

The two tanks were located in a single excavation located northeast of the building. The tanks were overlain by asphalt and approximately 2 feet of sand overburden

and were bedded in native silty loam. The tanks were protected by a cathodic protection system observed around the perimeter of the tank pit. The product lines were single-wall fiberglass and the product was delivered to the dispensers at the fueling dock located to the east in the marina using a pressurized system. Product lines were removed and replaced between the tank pit and the fuel sump located adjacent to the fuel dock access ramp. A total of 47 feet of product piping were removed and replaced as part of the UST system replacement.

During the UST removal and site assessment, soils surrounding the UST system were field screened for the presence of petroleum. Field screening included conducting water sheen tests and measuring organic vapors using a photoionization detector (PID).

The southern UST, Tank #1, was a 15,000-gallon, single-walled, steel tank measuring approximately 10 feet in diameter and 26 feet in length. The tank was used to store unleaded gasoline fuel. Upon inspection after being removed from the ground, the tank appeared intact with no holes, significant pitting or corrosion.

During the removal of Tank #1, soil sample *PCS-1* was collected at approximately 8 feet below ground surface (bgs), at the depth of greatest indication of contamination, along the center of the southern side of the tank.

The northern UST, Tank #2, was a 15,000-gallon, single-walled, steel tank measuring approximately 10 feet in diameter and 26 feet in length. The tank was used to store diesel fuel. Upon inspection after being removed from the ground, the tank appeared intact with no holes, significant pitting or corrosion.

Product piping was removed following the completion of the petroleum contaminated soil (PCS) removal activities on 5/19/16. A separate report will be submitted to Ecology which will describe the PCS removal action. A total of 47 feet of product lines were replaced as part of the UST system replacement. Per UST guidelines, 1 soil sample (SS-9) was collected from beneath a group of unions located approximately halfway between the tank pit and the fuel sump.

### **Soil Sample Analytical Results**

Three discrete soil samples were collected as part of this UST Site Assessment (identified as *PCS-1*, *Stockpile-1*, and *SS-9*). *PCS-1* was collected from the sidewall adjacent to the removed gasoline tank, *Stockpile-1* was collected to document the condition of the

soils stockpiled onsite during the tank removal, and SS-9 was collected from below the removed product lines. The soil sample descriptions including location, depth of collection, and field screening results are included in Table 1. Soil sample locations are shown on Figure 2.

The soil samples were evaluated in the field for organic vapors using a photoionization detector (PID) and for petroleum products using sheen tests. Immediately after the soil samples were described, a portion of the sample was sheen tested and the remainder of the sample was placed in a labeled re-sealable bag. The PID was inserted into the re-sealable bag in order to evaluate the presence of organic vapors, and a headspace organic vapor detection in parts per million (ppm) was recorded in the field notebook. Sheen tests were recorded as: NS – no sheen, VSS – very slight sheen, SS – slight sheen, MS – moderate sheen, and HS – heavy sheen.

The soil samples were collected using EPA method 5035A. Soil was placed in clean sample containers provided by the laboratory, stored with ice in a cooler, and shipped to ALS Laboratory Group in Everett, Washington. ALS is accredited by Ecology.

The soil samples were analyzed for gasoline range TPH using method NWTPH-Gx; diesel and lube-oil range TPH using method NWTPH-Dx; benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl t-butyl ether (MTBE) using EPA method 8021, and lead using EPA method 6020. The soil screening levels for the site were established for unrestricted land use in accordance with the Model Toxics Control Act (MTCA) WAC 173-340. MTCA Method A target cleanup levels are provided in WAC 173-340, Table 740-1.

Laboratory analytical results indicated that the sample collected to confirm the release (sample PCS-1) contained gasoline range TPH and BTEX constituents at concentrations which exceeded the MTCA Method A target cleanup levels. A summary of soil sample laboratory analytical results is provided in Table 2. The original laboratory analytical data report is included in Appendix B.

## **Conclusions**

Two USTs were decommissioned and removed from the ground on April 14, 2016, at the Point Roberts Marina located at 713 Simundson Dr., Point Roberts Washington.

A UST Site Assessment was completed when the tanks were removed from the ground. Whatcom Environmental personnel field screened excavated soil and observed field evidence indicating that a release of petroleum products had occurred from the UST system. Laboratory analytical results confirmed the release of gasoline to soil at the site.

The contaminated tank pit backfill material will be excavated and removed from the site for bioremediation in remediation cells at the marina property located across the street to the northeast of the subject property. A PCS Removal Action report will follow this report when remediation activities are complete.

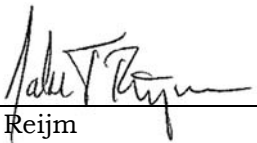
### Limitations

No site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this work by Whatcom Environmental is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions. No warranty, express or implied, is given regarding the presence of hidden or unidentified sources of contamination.


Whatcom Environmental Services has prepared this report for the exclusive use of the Point Roberts Marina, their authorized agents, and regulatory agencies. This report is not intended for use by others and the information contained herein is not applicable to other sites.

Please use this letter and the attached site location figures, UST Site Check/Site Assessment Checklist, and soil analytical data to document compliance with Underground Storage Tank requirements (WAC 173-360).

Sincerely,

  
\_\_\_\_\_  
Jake Reijm  
Whatcom Environmental Services  
WA UST Site Assessor #8220552

  
\_\_\_\_\_  
Harold Cashman  
Whatcom Environmental Services  
Senior Project Manager


**References**

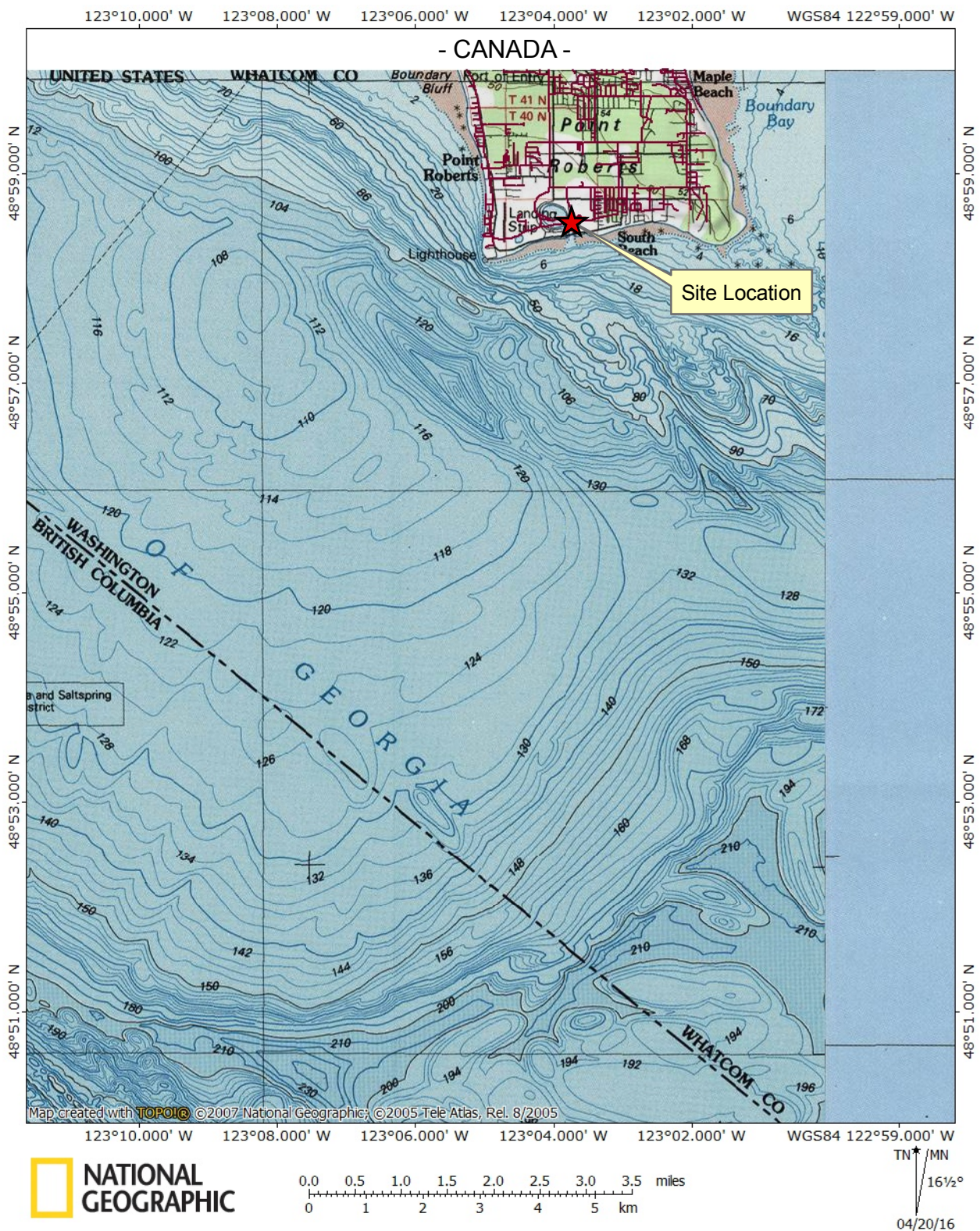
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United States Department of Agriculture (USDA) Soil Survey Staff, Natural Resources Conservation Service, Web Soil Survey. Available online at <http://websoilsurvey.nrcs.usda.gov/>. Accessed [04/18/2016].

Washington State Department of Ecology (Ecology). 1998. Underground Storage Tank Statute and Regulations Chapter 173-360 WAC. Publication No. 95-604.

Washington State Department of Ecology (Ecology). 2007. Model Toxics Control Act Cleanup Regulation Chapter 173-340 WAC. Publication No. 94-06. November 2007.

Washington State Department of Ecology (Ecology). 2003. Guidance for Site Checks and Site Assessments for Underground Storage Tanks. Publication # 90-52.



Prepared for:

Point Roberts  
Marina

Prepared by:

**whatcom**  
ENVIRONMENTAL

Site Location Map

Point Roberts  
Marina UST  
4/20/16

Figure 1



- PCS Soil Samples
- Product Piping Sample
- Removed Product Lines
- Fuel Sump
- Removed Tanks
- Tank Pit Excavation

All data are approximate and should be used for relative location reference only. 2013 Aerial Photograph (COB).

0 25 50 75 100 Feet  
1 inch equals 50 feet

Prepared for:

Point Roberts  
Marina

Prepared by:

**nwhatcom**  
ENVIRONMENTAL

UST Site Assessment Map

Point Roberts  
Marina UST

5/20/16

Figure 2

**Table 1. Soil Sample Descriptions - Point Roberts Marina UST Site Assessment**

Sample ID	Date	Location and Description	PID (ppm)	Sheen Test*
<b>PCS-1</b>	4/14/16	Collected at 8 feet bgs from the southern section of the excavation sidewall at the center of the gasoline tank as the tanks were removed.  Sand, dark brown to black, loose, wet.	1700	HS
<b>Stockpile-1</b>	4/19/16	Collected from onsite stockpile of soils removed during the UST removal.  Sand with silt, gray, loose, moist.	803	HS
<b>SS-9</b>	5/19/16	Collected from below removed section of product piping running from the tank pit to the sump located at the fuel dock access ramp at 3 feet bgs.  Sand with minor gravel, brown, loose, moist to dry.	0.7	NS

\* NS = No Sheen; VSS = Very Slight Sheen; SS = Slight Sheen; MS = Moderate Sheen; HS = Heavy Sheen

Soil samples SS-1 through SS-8 were collected as part of the PCS removal action, and are included in a separate report.

**Table 2. Soil Sample Analytical Results - Point Roberts Marina UST Site Assessment**

Sample ID	Date	NWTPH-Gx Volatile Range mg/kg	NWTPH-Dx Diesel Range mg/kg	NWTPH-Dx Oil Range mg/kg	EPA-8021 Benzene mg/kg	EPA-8021 Toluene mg/kg	EPA-8021 Ethylbenzene mg/kg	EPA-8021 Xylenes mg/kg	EPA-8021 MTBE mg/kg	EPA-6020 Lead mg/kg
<b>MTCA Method A Cleanup Levels:</b>		30/100*	2,000	2,000	0.03	7	6	9	0.1	250
<b>PCS-1</b>	4/14/2016	<b>9,300</b>	1,600	ND(<100)	<i>ND(&lt;6.0)</i>	<i>ND(&lt;10.0)</i>	<b>92</b>	<b>620</b>	<i>ND(&lt;20.0)</i>	4.2
<b>Stockpile-1</b>	4/19/2016	<b>2,800</b>	1,200	ND(<100)	<i>ND(&lt;1.5)</i>	<i>ND(&lt;2.5)</i>	4.2	<i>ND(&lt;10)</i>	<i>ND(&lt;5)</i>	6.1
<b>SS-9</b>	5/19/2016	ND(<3.0)	120	ND(<50)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	ND(<0.10)	2

\* Cleanup level dependent on BTEX concentration

ND- indicates analyte was not detected at level above reporting limit (shown in parentheses)

**Bold-** indicates that the sample exceeded the applicable cleanup level

*Italics-* indicates that the sample detection limit was raised above the applicable cleanup level due to dilution

## **APPENDIX A**

### UST Site Check/Site Assessment Checklist



# SITE CHECK/SITE ASSESSMENT CHECKLIST

## FOR UNDERGROUND STORAGE TANKS

UST ID #: \_\_\_\_\_

County: \_\_\_\_\_

*This checklist certifies that site check or site assessment activities were performed in accordance with Chapter 173-360 WAC. Instructions are found on the last page.*

I. UST FACILITY		II. OWNER/OPERATOR INFORMATION	
Facility Compliance Tag #:		Owner/Operator Name: Point Roberts Marina	
UST ID #: 8248		Business Name:	
Site Name: Point Roberts Marina		Address: 713 Simundson Dr.	
Site Address: 713 Simundson Dr.		City: Point Roberts	State: WA Zip: 98281
City: Point Roberts		Phone: 360-945-2255	
Phone: 360-945-2255		Email:	
III. CERTIFIED SITE ASSESSOR			
Service Provider Name: Jake Reijm		Company Name: Whatcom Environmental Services	
Cell Phone: 360-708-2840 Email: jreijm@whatcomenvironmental.com		Address: 228 E. Champion St. #101	
Certification #: 8220552	Exp. Date: 1/5/18	City: Bellingham	State: WA Zip: 98225
IV. TANK INFORMATION			
TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	DATE SITE CHECK OR ASSESSMENT CONDUCTED
1	15,000 Gallon	Unleaded Gasoline	4/14/16
2	15,000 Gallon	Diesel	4/14/16
V. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT (check one)			
<input checked="" type="checkbox"/> Release investigation following permanent UST system closure (i.e. tank removal or closure-in-place).			
<input type="checkbox"/> Release investigation following a failed tank and/or line tightness test.			
<input type="checkbox"/> Release investigation following discovery of contaminated soil and/or groundwater.			
<input type="checkbox"/> Release investigation directed by Ecology to determine if the UST system is the source of offsite impacts.			
<input type="checkbox"/> UST system is undergoing a "change-in-service", which is changing from storing a regulated substance (e.g. gasoline) to storing a non-regulated substance (e.g. water).			
<input type="checkbox"/> Directed by Ecology for UST system permanently closed or abandoned before 12/22/1988.			
<input type="checkbox"/> Other (describe):			

## VI. CHECKLIST

The site assessor must check each of the following items and include it in the report.  
Sections referenced below can be found in the Ecology publication  
*Guidance for Site Checks and Site Assessments for Underground Storage Tanks.*

	YES	NO
1. The location of the UST site is shown on a vicinity map.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. A brief summary of information obtained during the site inspection is provided (Section 3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. A summary of UST system data is provided (Section 3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. The soils characteristics at the UST site are described. (Section 5.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Is there any apparent groundwater in the tank excavation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. A brief description of the surrounding land use is provided. (Section 3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. The name and address of the laboratory used to perform analyses is provided. The methods used to collect and analyze the samples, including the number and types of samples collected, are also documented in the report. The data from the laboratory is appended to the report.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. The following items are provided in one or more sketches:		
• Location and ID number for all field samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• If applicable, groundwater samples are distinguished from soil samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Location of samples collected from stockpiled excavated soil	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Tank and piping locations and limits of excavation pit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Adjacent structures and streets	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Approximate locations of any on-site and nearby utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. If sampling procedures are different from those specified in the guidance, has justification for using these alternative sampling procedures been provided? (Section 3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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. Any sample exceeding MTCA Method A cleanup standards are highlighted or bolded.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Any factors that may have compromised the quality of the data or validity of the results are described.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. The requirements for reporting confirmed releases can be found in WAC 173-360-372.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## VII. REQUIRED SIGNATURES

*Signature acknowledges the Site Check or Site Assessment complies with UST regulations WAC 173-360-360 through -395.*

Jake Reijm

Print or Type Name

  
 Signature of Certified Site Assessor

4/20/2016

Date

## **APPENDIX B**

Original Laboratory Analytical Data Report



April 15, 2016

Mr. Harold Cashman  
Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225

Dear Mr. Cashman,

On April 15th, 1 sample was received by our laboratory and assigned our laboratory project number EV16040095. The project was identified as your Point Roberts Marina UST Site Assessment. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan  
Laboratory Director



# CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225  
DATE: 4/15/2016  
ALS JOB#: EV16040095  
ALS SAMPLE#: EV16040095-01  
CLIENT CONTACT: Harold Cashman  
DATE RECEIVED: 04/15/2016  
CLIENT PROJECT: Point Roberts Marina UST Site  
COLLECTION DATE: 4/14/2016 9:15:00 AM  
Assessment  
CLIENT SAMPLE ID PCS-1  
WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	9300	600	200	MG/KG	04/15/2016	PAB
Methyl T-Butyl Ether	EPA-8021	U	20	200	MG/KG	04/15/2016	PAB
Benzene	EPA-8021	U	6.0	200	MG/KG	04/15/2016	PAB
Toluene	EPA-8021	U	10	200	MG/KG	04/15/2016	PAB
Ethylbenzene	EPA-8021	92	10	200	MG/KG	04/15/2016	PAB
Xylenes	EPA-8021	620	40	200	MG/KG	04/15/2016	PAB
TPH-Diesel Range	NWTPH-DX	1600	50	2	MG/KG	04/15/2016	EBS
TPH-Oil Range	NWTPH-DX	U	100	2	MG/KG	04/15/2016	EBS
Lead	EPA-6020	4.2	0.50	5	MG/KG	04/15/2016	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 200X Dilution	NWTPH-GX	1370 GS2	04/15/2016	PAB
TFT 200X Dilution	EPA-8021	1350 GS2	04/15/2016	PAB
C25 2X Dilution	NWTPH-DX	90.9	04/15/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

GS2 - Surrogate outside of control limits due to dilution.

Chromatogram indicates that it is likely that sample contains highly weathered gasoline and weathered diesel.

Diesel range product results biased high due to gasoline range product overlap.



## CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225

DATE: 4/15/2016  
ALS SDG#: EV16040095  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Harold Cashman  
CLIENT PROJECT: Point Roberts Marina UST Site Assessment

## LABORATORY BLANK RESULTS

### MBG-041116S - Batch 103179 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	04/11/2016	PAB

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-041116S - Batch 103179 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Methyl T-Butyl Ether	EPA-8021	U	MG/KG	0.10	04/11/2016	PAB
Benzene	EPA-8021	U	MG/KG	0.030	04/11/2016	PAB
Toluene	EPA-8021	U	MG/KG	0.050	04/11/2016	PAB
Ethylbenzene	EPA-8021	U	MG/KG	0.050	04/11/2016	PAB
Xylenes	EPA-8021	U	MG/KG	0.20	04/11/2016	PAB

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-041416S - Batch 103303 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	04/14/2016	EBS
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	04/14/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-041516S - Batch 103347 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	04/15/2016	RAL

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225

DATE: 4/15/2016  
ALS SDG#: EV16040095  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Harold Cashman  
CLIENT PROJECT: Point Roberts Marina UST Site  
Assessment

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 103179 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Volatile Range - BS	NWTPH-GX	91.6			66.5	122.7	04/11/2016	PAB
TPH-Volatile Range - BSD	NWTPH-GX	94.3	3		66.5	122.7	04/11/2016	PAB

### ALS Test Batch ID: 103179 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Methyl T-Butyl Ether - BS	EPA-8021	94.5			66	116	04/11/2016	PAB
Methyl T-Butyl Ether - BSD	EPA-8021	94.1	0		66	116	04/11/2016	PAB
Benzene - BS	EPA-8021	92.7			67.7	124	04/11/2016	PAB
Benzene - BSD	EPA-8021	93.4	1		67.7	124	04/11/2016	PAB
Toluene - BS	EPA-8021	97.8			71	123	04/11/2016	PAB
Toluene - BSD	EPA-8021	97.8	0		71	123	04/11/2016	PAB
Ethylbenzene - BS	EPA-8021	100			69.8	117	04/11/2016	PAB
Ethylbenzene - BSD	EPA-8021	99.9	0		69.8	117	04/11/2016	PAB
Xylenes - BS	EPA-8021	98.0			70	119	04/11/2016	PAB
Xylenes - BSD	EPA-8021	98.3	0		70	119	04/11/2016	PAB

### ALS Test Batch ID: 103303 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Diesel Range - BS	NWTPH-DX	93.7			75.5	122.1	04/14/2016	EBS
TPH-Diesel Range - BSD	NWTPH-DX	103	9		75.5	122.1	04/14/2016	EBS

### ALS Test Batch ID: 103347 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Lead - BS	EPA-6020	104			80	120	04/15/2016	RAL
Lead - BSD	EPA-6020	106	2		80	120	04/15/2016	RAL

APPROVED BY

Laboratory Director



## ALS Job# (Laboratory Use Only)

EV16040095

Date 4/15/16 Page \_\_\_\_\_

50

PROJECT ID: <u>Pilot Roberts Marina UST Site Assessment</u>				ANALYSIS REQUESTED				OTHER (Specify)			
REPORT TO COMPANY: <u>Whitcomb Environmental Services</u>				TCDF-Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pest <input type="checkbox"/> Herbs <input type="checkbox"/>							
PROJECT MANAGER: <u>Harold Cashman</u>				Metals-MTCA-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PFI Pol <input type="checkbox"/> TAL <input type="checkbox"/>							
ADDRESS: <u>228 E. Champion St. #401</u>				PCB <input type="checkbox"/> Pesticides <input type="checkbox"/> by EPA 8081/8082							
PHONE: <u>360-752-9571</u> FAX: <u>360-752-9573</u>				Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM <input type="checkbox"/>							
P.O. #: <u></u> E-MAIL: <u>hycashman@whitcomb.com</u>				Semi-volatile Organic Compounds by EPA 8270							
INVOICE TO COMPANY: <u></u>				EDB / EDC by EPA 8260 (soil)							
ATTENTION: <u>Same As Above</u>				EDB / EDC by EPA 8260 SIM (water)							
ADDRESS: <u></u>				Volatile Organic Compounds by EPA 8260							
				Halogenated Volatiles by EPA 8260							
				MTBE by EPA-8021 <input checked="" type="checkbox"/> EPA-8260 <input type="checkbox"/>							
				BTX by EPA-8021							
				NMTPH-GX							
				NMTPH-DX							
				NMTPH-HCID							
SAMPLE I.D.				DATE		TIME		TYPE		LAB#	
1. PCS-1				4/4/16		9:15		Soil		1	
2.											
3.											
4.											
5.											
6.											
7.											
8.											
9.											
10.											

SPECIAL INSTRUCTIONS

SIGNATURES (Name, ~~Company~~ Date, Time):

SIGNATURES (Name, Company Date, Time):

1. Relinquished By: Patrick Brown WES, 4/15/16 9:30AM 10:50

Received By: Shawn Dobson AS 4/15/16 10:50

Received By:

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days\*

OTHER:

Specify:

SAME

1

2

3



## Fuels & Hydrocarbon Analysis

**SAME**

 $\left( \begin{array}{c} 1 \\ 1 \end{array} \right)$ 

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5

\*Tumaround request less than standard may incur Rush Charges



April 22, 2016

Mr. Harold Cashman  
Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225

Dear Mr. Cashman,

On April 20th, 1 sample was received by our laboratory and assigned our laboratory project number EV16040117. The project was identified as your Point Roberts Marina UST. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan  
Laboratory Director



# CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	4/22/2016
CLIENT CONTACT:	Harold Cashman	ALS JOB#:	EV16040117
CLIENT PROJECT:	Point Roberts Marina UST	ALS SAMPLE#:	EV16040117-01
CLIENT SAMPLE ID	Stockpile-1	DATE RECEIVED:	04/20/2016
		COLLECTION DATE:	4/19/2016 8:40:00 AM
		WDOE ACCREDITATION:	C601

## SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	2800	150	50	MG/KG	04/21/2016	PAB
Methyl T-Butyl Ether	EPA-8021	U	5.0	50	MG/KG	04/21/2016	PAB
Benzene	EPA-8021	U	1.5	50	MG/KG	04/21/2016	PAB
Toluene	EPA-8021	U	2.5	50	MG/KG	04/21/2016	PAB
Ethylbenzene	EPA-8021	4.2	2.5	50	MG/KG	04/21/2016	PAB
Xylenes	EPA-8021	U	10	50	MG/KG	04/21/2016	PAB
TPH-Diesel Range	NWTPH-DX	1200	50	2	MG/KG	04/20/2016	EBS
TPH-Oil Range	NWTPH-DX	U	100	2	MG/KG	04/20/2016	EBS
Lead	EPA-6020	6.1	0.50	5	MG/KG	04/20/2016	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 50X Dilution	NWTPH-GX	348 GS2	04/21/2016	PAB
TFT 50X Dilution	EPA-8021	338 GS2	04/21/2016	PAB
C25 2X Dilution	NWTPH-DX	87.3	04/20/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

GS2 - Surrogate outside of control limits due to dilution.

Chromatogram indicates that it is likely that sample contains extremely weathered gasoline and weathered diesel.

Gasoline range product results biased high due to semivolatile range product overlap.

Diesel range product results biased high due to gasoline range product overlap.



## CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225  
DATE: 4/22/2016  
ALS SDG#: EV16040117  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Harold Cashman  
CLIENT PROJECT: Point Roberts Marina UST

## LABORATORY BLANK RESULTS

### MB-042016S - Batch 103512 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	04/20/2016	PAB

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-042016S - Batch 103512 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Methyl T-Butyl Ether	EPA-8021	U	MG/KG	0.10	04/20/2016	PAB
Benzene	EPA-8021	U	MG/KG	0.030	04/20/2016	PAB
Toluene	EPA-8021	U	MG/KG	0.050	04/20/2016	PAB
Ethylbenzene	EPA-8021	U	MG/KG	0.050	04/20/2016	PAB
Xylenes	EPA-8021	U	MG/KG	0.20	04/20/2016	PAB

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-042016S - Batch 103449 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	04/20/2016	EBS
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	04/20/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-042016S - Batch 103448 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	04/20/2016	RAL

U - Analyte analyzed for but not detected at level above reporting limit.



# CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225

DATE: 4/22/2016  
ALS SDG#: EV16040117  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Harold Cashman  
CLIENT PROJECT: Point Roberts Marina UST

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 103512 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Volatile Range - BS	NWTPH-GX	108			66.5	122.7	04/20/2016	PAB
TPH-Volatile Range - BSD	NWTPH-GX	105	4		66.5	122.7	04/20/2016	PAB

### ALS Test Batch ID: 103512 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Methyl T-Butyl Ether - BS	EPA-8021	97.8			66	116	04/20/2016	PAB
Methyl T-Butyl Ether - BSD	EPA-8021	92.9	5		66	116	04/20/2016	PAB
Benzene - BS	EPA-8021	99.9			67.7	124	04/20/2016	PAB
Benzene - BSD	EPA-8021	93.2	7		67.7	124	04/20/2016	PAB
Toluene - BS	EPA-8021	103			71	123	04/20/2016	PAB
Toluene - BSD	EPA-8021	97.3	5		71	123	04/20/2016	PAB
Ethylbenzene - BS	EPA-8021	102			69.8	117	04/20/2016	PAB
Ethylbenzene - BSD	EPA-8021	99.0	3		69.8	117	04/20/2016	PAB
Xylenes - BS	EPA-8021	104			70	119	04/20/2016	PAB
Xylenes - BSD	EPA-8021	101	3		70	119	04/20/2016	PAB

### ALS Test Batch ID: 103449 - Soil by NWTPH-DX

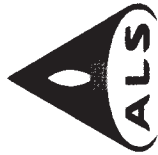
SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Diesel Range - BS	NWTPH-DX	107			75.5	122.1	04/20/2016	EBS
TPH-Diesel Range - BSD	NWTPH-DX	99.3	8		75.5	122.1	04/20/2016	EBS

### ALS Test Batch ID: 103448 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Lead - BS	EPA-6020	103			80	120	04/20/2016	RAL
Lead - BSD	EPA-6020	102	0		80	120	04/20/2016	RAL

APPROVED BY

Laboratory Director



**ALS Environmental**  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
<http://www.alsglobal.com>

## Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV16040117

Date 4/19/16 Page 1 Of 1

PROJECT INFORMATION				ANALYSIS REQUESTED												OTHER (Specify)								
PROJECT ID:	REPORT TO COMPANY:	PROJECT MANAGER:	ADDRESS:	PHONE:	P.O. #:	INVOICE TO COMPANY:	ATTENTION:	ADDRESS:	MTPH-HCID	MTPH-DX	MTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	PCB Pesticides by EPA 8081/8082	Metals-MTCA-5 RCRA-8 Pt Pol TAL	Metals Other (Specify)	TCLP-Metals VOA Semi-Vol Pest Herbs	
1.	Stackpile-1	4/19/16	8:40	soil	1				X	X	X	X	X										X	
2.																								
3.																								
4.																								
5.																								
6.																								
7.																								
8.																								
9.																								
10.																								
									RECEIVED IN GOOD CONDITION?												NUMBER OF CONTAINERS	2		

### SPECIAL INSTRUCTIONS

VOA filled via SOSSA.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Anthony WES 4/19/16 4:30PM

Received By: ALS 4/19/16 10:30

2. Relinquished By: \_\_\_\_\_

Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*  
Organic Metals & Inorganic Analysis  
OTHER:

Specify: \_\_\_\_\_

10 Standard 1 SAME DAY 2 3 4 5 6 7 8 9 10

Fuels & Hydrocarbon Analysis

1 SAME DAY 2 3 4 5 6 7 8 9 10

\*Turnaround request less than standard may incur Rush Charges



May 23, 2016

Mr. Harold Cashman  
Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225

Dear Mr. Cashman,

On May 20th, 1 sample was received by our laboratory and assigned our laboratory project number EV16050119. The project was identified as your Point Roberts Marina UST Site Assessment. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan  
Laboratory Director



# CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225  
DATE: 5/23/2016  
ALS JOB#: EV16050119  
ALS SAMPLE#: EV16050119-01  
CLIENT CONTACT: Harold Cashman  
DATE RECEIVED: 05/20/2016  
CLIENT PROJECT: Point Roberts Marina UST Site  
COLLECTION DATE: 5/19/2016 10:00:00 AM  
Assessment  
CLIENT SAMPLE ID SS-9  
WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/20/2016	PAB
Methyl T-Butyl Ether	EPA-8021	U	0.10	1	MG/KG	05/20/2016	PAB
Benzene	EPA-8021	U	0.030	1	MG/KG	05/20/2016	PAB
Toluene	EPA-8021	U	0.050	1	MG/KG	05/20/2016	PAB
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/20/2016	PAB
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/20/2016	PAB
TPH-Diesel Range	NWTPH-DX	120	25	1	MG/KG	05/20/2016	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/20/2016	EBS
Lead	EPA-6020	1.6	0.50	5	MG/KG	05/23/2016	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	118	05/20/2016	PAB
TFT	EPA-8021	117	05/20/2016	PAB
C25	NWTPH-DX	91.4	05/20/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered diesel.



## CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225

DATE: 5/23/2016  
ALS SDG#: EV16050119  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Harold Cashman  
CLIENT PROJECT: Point Roberts Marina UST Site Assessment

## LABORATORY BLANK RESULTS

### MBG-051916S - Batch 104495 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	05/19/2016	PAB

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-051916S - Batch 104495 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Methyl T-Butyl Ether	EPA-8021	U	MG/KG	0.10	05/19/2016	PAB
Benzene	EPA-8021	U	MG/KG	0.030	05/19/2016	PAB
Toluene	EPA-8021	U	MG/KG	0.050	05/19/2016	PAB
Ethylbenzene	EPA-8021	U	MG/KG	0.050	05/19/2016	PAB
Xylenes	EPA-8021	U	MG/KG	0.20	05/19/2016	PAB

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-052016S - Batch 104554 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	05/20/2016	EBS
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	05/20/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-052016S - Batch 104505 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	05/23/2016	RAL

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.  
228 E. Champion St., Suite 101  
Bellingham, WA 98225  
DATE: 5/23/2016  
ALS SDG#: EV16050119  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Harold Cashman  
CLIENT PROJECT: Point Roberts Marina UST Site Assessment

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 104495 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Volatile Range - BS	NWTPH-GX	98.8			66.5	122.7	05/19/2016	PAB
TPH-Volatile Range - BSD	NWTPH-GX	95.4	4		66.5	122.7	05/19/2016	PAB

### ALS Test Batch ID: 104495 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Methyl T-Butyl Ether - BS	EPA-8021	72.2			66	116	05/19/2016	PAB
Methyl T-Butyl Ether - BSD	EPA-8021	72.4	0		66	116	05/19/2016	PAB
Benzene - BS	EPA-8021	89.5			67.7	124	05/19/2016	PAB
Benzene - BSD	EPA-8021	89.2	0		67.7	124	05/19/2016	PAB
Toluene - BS	EPA-8021	90.7			71	123	05/19/2016	PAB
Toluene - BSD	EPA-8021	90.5	0		71	123	05/19/2016	PAB
Ethylbenzene - BS	EPA-8021	92.6			69.8	117	05/19/2016	PAB
Ethylbenzene - BSD	EPA-8021	92.8	0		69.8	117	05/19/2016	PAB
Xylenes - BS	EPA-8021	95.4			70	119	05/19/2016	PAB
Xylenes - BSD	EPA-8021	96.2	1		70	119	05/19/2016	PAB

### ALS Test Batch ID: 104554 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Diesel Range - BS	NWTPH-DX	104			75.5	122.1	05/20/2016	EBS
TPH-Diesel Range - BSD	NWTPH-DX	103	1		75.5	122.1	05/23/2016	EBS

### ALS Test Batch ID: 104505 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Lead - BS	EPA-6020	102			80	120	05/23/2016	RAL
Lead - BSD	EPA-6020	103	1		80	120	05/23/2016	RAL

APPROVED BY

Laboratory Director



ALS Environmental  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

## Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV16050119

Date 5/19/16 Page 1 Of 1

PROJECT ID: Point Roberts Marine USF Site Assessment				ANALYSIS REQUESTED										OTHER (Specify)															
REPORT TO COMPANY: Whatcom Environmental Services																													
PROJECT MANAGER: Harold Cashman																													
ADDRESS: 228 E Champion St. #101 Bellingham, WA 98225																													
PHONE: 360-752-9571 FAX: 360-752-9573																													
P.O. #: E-MAIL: hrashman@whatcom.com																													
INVOICE TO COMPANY: SAME AS ABOVE																													
ATTENTION:																													
ADDRESS:																													
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	MTBE by EPA 8021	Haloogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	RECEIVED IN GOOD CONDITION?	
1. SS-9	5/19/16	10:00	Soil	1		X	V	X	X														X						2
2.																													
3.																													
4.																													
5.																													
6.																													
7.																													
8.																													
9.																													
10.																													

SPECIAL INSTRUCTIONS

VoAs filled via 50354

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [Signature] WES, 5/19/16, 3PM

Received By: [Signature] ALS, 5/19/16, 10:35

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals, Inorganic Analysis  
OTHER:

Specify:

10 Standard 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 Standard 3 1 SAME DAY

\*Turnaround request less than standard may incur Rush Charges