SITE CHECK
PORTAL WAY STATION
6000 PORTAL WAY
FERNDALE, WASHINGTON

prepared for:

6000 Portal Way LLC
6000 Portal Way
Ferndale, Washington 98248

June 26, 2019

whatcom ENVIRONMENTAL

soil | water | air
compliance consulting

228 East Champion Street, Suite 101, Bellingham, WA 98225
tel 360.752.9571 | **fax** 360.752.9573 | *www.whatcomenvironmental.com*

SITE CHECK
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Prepared for:

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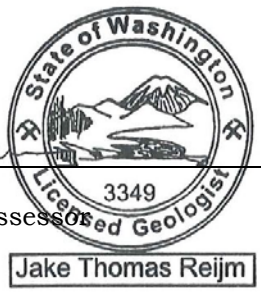
Prepared by:

Whatcom Environmental Services
228 East Champion Street #101
Bellingham, Washington 98225

June 26, 2019



Jake Reijm
WA UST Site Assessor
(#8220552)

Harold Cashman
QA/QC Reviewer

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1.0 INTRODUCTION

A Site Check has been completed at the retail fueling station located at 6000 Portal Way in Ferndale, Washington (Figure 1). This report was prepared by Whatcom Environmental Services Inc. and the information provided in the report supplements the completed UST Site Check/Site Assessment Checklist, included in Appendix A.

1.1 SITE SETTING

The site is comprised of one parcel (390220284390000) and is located in the northeast quarter of the northeast quarter of Section 20 in township 39 North, Range 2 East. The site is situated approximately 0.1 miles east of Interstate 5 (I-5), approximately 0.35 miles north of the Nooksack River, and approximately 0.9 miles north/northeast of the city of Ferndale's downtown business core. The site is zoned as Highway Commercial by the City of Ferndale. The site is bordered on the north and east by commercial and rural residential properties; on the west by I-5 and Portal Way; and on the south by other rural residential properties. A site map is provided as Figure 2.

1.2 RELEASE DISCOVERY

On June 4, 2019, while investigating a diesel release which occurred in May 2018 at dispenser 7/8, HydroCon LLC drilled a core with a hand auger approximately five feet north of the dispenser. Immediately following the core drilling activities, the leak detection system for Tank #3's product lines was activated indicating a fuel line had been impacted by the coring activities.

On June 7, 2019, following the activation of the leak detection system, a line tightness test was performed at Tank #3 by Northwest Tank & Environmental Services Inc. The Tank #3 lines failed the tightness test and indicated the lines were leaking and in need of repair. A copy of the tightness test is included in Appendix B. The fuel dispenser 7/8 location, HydroCon's coring locations, and the location of the impacted product line are shown on Figure 2.

2.0 SITE CHECK

This Site Check was performed to comply with Underground Storage Tank requirements (WAC 173-360A-0720 (2)) following the failed tightness test completed on June 7, 2019.

Jake Reijm of Whatcom Environmental Services conducted the Site Check on June 10, 2019. Mr. Reijm is a registered UST Site Assessor (Certification #8220552). The Site Check was conducted per WAC 173-360A-0730.

On June 10, 2019 Ultra Tank Services cut the concrete around the core drilled by HydroCon in order to investigate the condition of the product lines. A four-foot square cut was made with the coring location at the center. Soil and pea gravel were removed from above the product lines in order to assess their condition. As the product lines were uncovered, scrape marks and a hole were observed on the top of the regular gasoline line connected to tank #3. It was determined that the hand auger had delaminated the fiberglass line to the point of rupture. A photograph of the damaged product line is included in the photograph log.

According to the station's records, approximately 199 gallons of regular gasoline were released to the ground from the damaged product line.

Ultra Tank Services repaired the damaged product line on June 11, 2019. Northwest Tank and Environmental Services completed a tightness test on the repaired product line on June 13, 2019. The repaired product line passed the tightness test and was put back into service.

3.0 SAMPLE COLLECTION

One soil sample, identified as *2019 Site Check 1*, was collected from 3 feet below the concrete pad at the pea gravel and native soil interface directly below the ruptured product line (approximately 1 foot below the product piping) on June 10, 2019. The sample was collected to supplement the visual evidence that a gasoline release had occurred.

3.1 SOIL CLEANUP STANDARDS

The Model Toxics Control Act (MTCA) Method A target cleanup levels for soil were selected as screening levels for this site check. Those levels have been established for unrestricted land use in accordance with WAC 173-340 and can be found in Table 740-1 (Ecology, 2013).

3.2 SOIL SAMPLE COLLECTION AND ANALYSIS

The soil sample was collected via Method 5035A using a stainless-steel hand auger. The sample was evaluated in the field for organic vapors using a photoionization detector (PID) and for petroleum products using sheen tests. Immediately after the soil cores were described, a portion of each 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 on the boring log. Sheen tests were recorded as: NS – no sheen, VSS – very slight sheen, SS – slight sheen, MS – moderate sheen, and HS – heavy sheen. The soil sample yielded a moderate petroleum sheen and organic vapors. The soil sample description and field screening results are summarized in Table 1.

The soil sample was stored on ice in a cooler immediately after collection. Standard industry protocols regarding sample collection, preservation, chain-of-custody, and shipping were followed.

The soil sample was analyzed at ALS Laboratory Group in Everett, Washington. ALS is accredited by the Washington State Department of Ecology. The following laboratory methods were used to analyze the soil sample:

NWTPH-Gx: Gasoline range total petroleum hydrocarbons (TPH)
EPA Method 8021: Benzene, toluene, ethylbenzene, and total xylenes (BTEX constituents) and Methyl tert-butyl ether (MTBE)
EPA Method 8260: Ethylene dichloride (EDC) and Ethylene dibromide (EDB)
EPA Method 8270 SIM: Naphthalenes
EPA Method 6020: Lead (Pb)

3.3 SOIL SAMPLE RESULTS

Soil sample *2019 Site Check 1* contained gasoline range TPH, BTEX constituents, and naphthalenes at concentrations which exceeded the MTCA Method A cleanup levels.

Laboratory analytical results are summarized in Table 2. The original laboratory analytical data report is included in Appendix C.

4.0 CONCLUSIONS

A Site Check was conducted at the retail fueling station located at 6000 Portal Way in Ferndale, Washington to evaluate shallow soil located beneath a damaged gasoline product line.

Field screening results and visual observations indicated that a release of gasoline had occurred from the damaged product line. A release of gasoline range TPH, BTEX constituents, and naphthalenes to shallow soil beneath the ruptured product line has been confirmed by the laboratory analytical data.

Please use this report and the attached site location Figures, UST Site Check/Site Assessment Checklist, and soil analytical data to document compliance with Site Check requirements (WAC 173-360-370 (2)).

5.0 LIMITATIONS

No site assessment can wholly eliminate uncertainty regarding the potential for contamination in connection with a property. The interpretation of soil and groundwater conditions is based on field observations and chemical analytical data collected from relatively widely spaced sampling locations at the site. It is possible that contamination exists beneath portions of the site that were not explored, sampled, or analyzed. No warranty, express or implied, is given regarding the presence of hidden or unidentified sources of contamination of the subject property. Performance of this investigation by Whatcom Environmental is intended to reduce, but not eliminate, uncertainty regarding the potential for environmental contamination in connection with the subject property. In addition, no warranty, express or implied is given regarding geotechnical or geologic hazards.

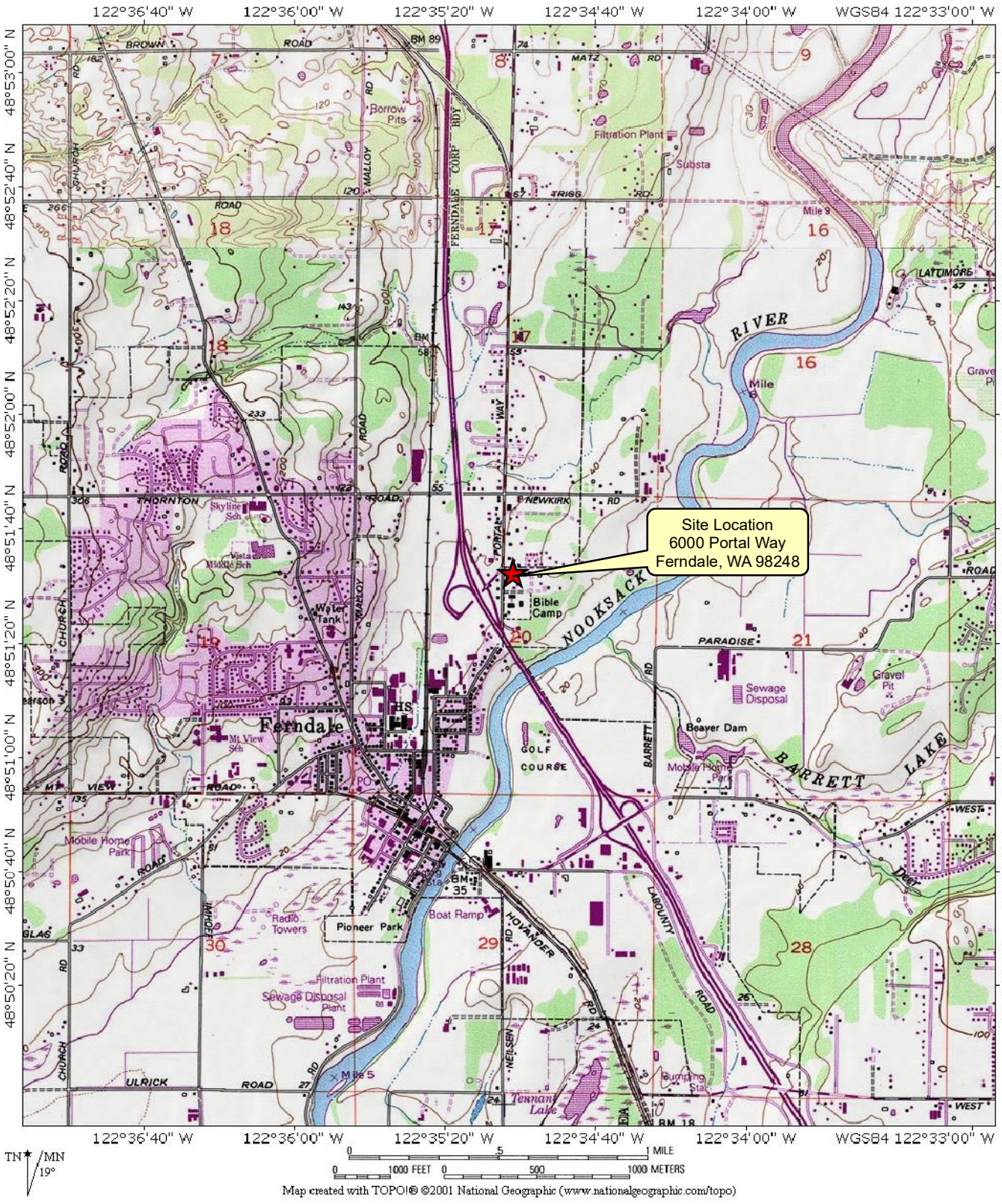
Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted environmental practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

Whatcom Environmental Services has prepared this report for the exclusive use of 6000 Portal Way LLC its authorized agents, and regulatory agencies. Whatcom Environmental prepares a report for the client's exclusive use for a particular project and in accordance with generally accepted practices at the time of investigation. This report was prepared for exclusive use by the client and its authorized agents and may not be used, relied upon, or assigned to a third party without written consent from Whatcom Environmental Services. This report is not intended for use by others, and the information contained herein is not applicable to other sites. This report may be made available to regulatory agencies.

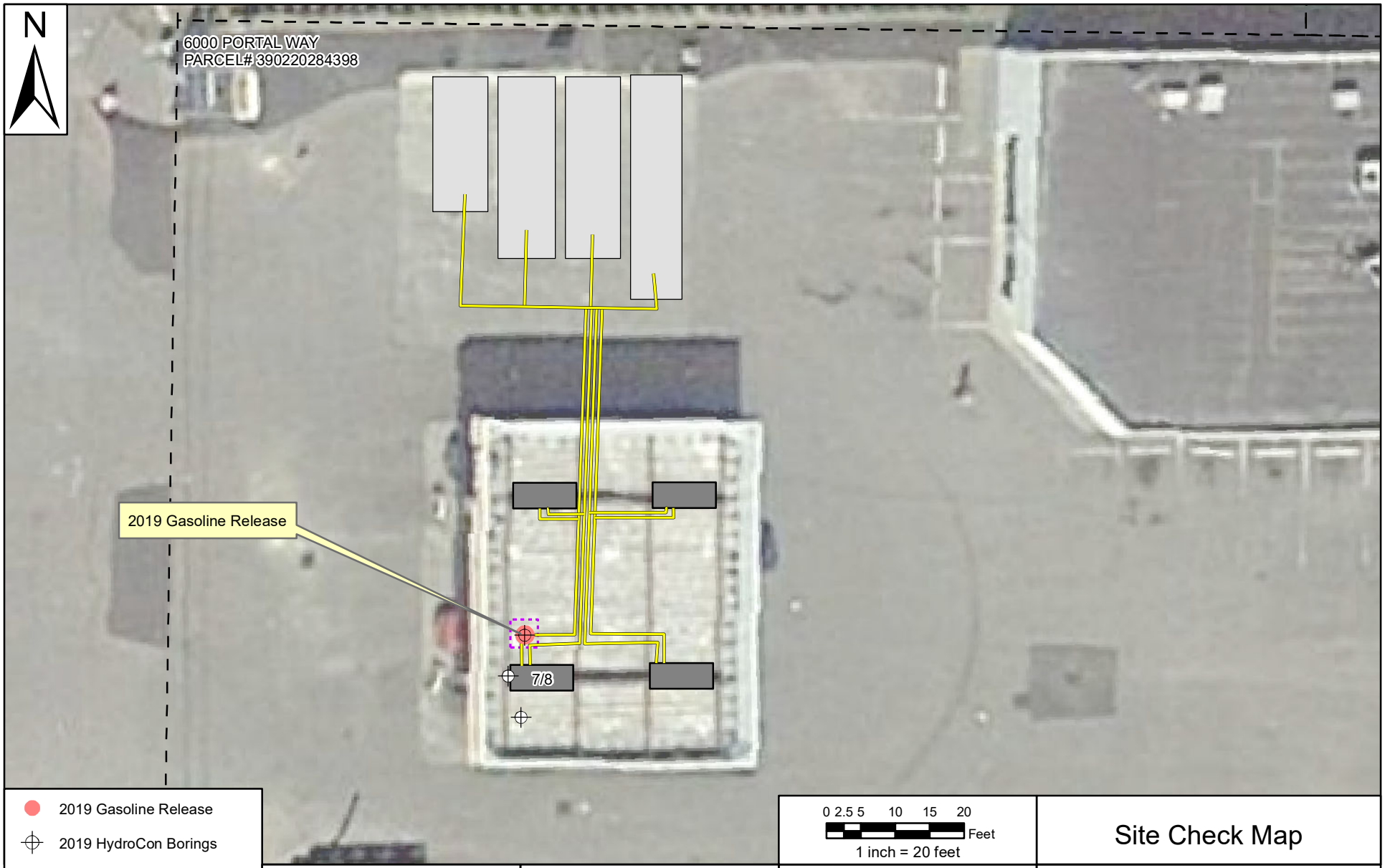
6.0 REFERENCES

Washington State Department of Ecology. 2018. Underground Storage Tank Regulations and Statute Chapter 173-360A WAC. Publication No. 12-09-242.

Washington State Department of Ecology (Ecology). 2013. Model Toxics Control Act Cleanup Regulation Chapter 173-340 WAC. Publication No. 94-06.



Prepared for:	Prepared by:	Site Location Map	
6000 Portal Way LLC	whatcom ENVIRONMENTAL	2019 Site Check 06/18/19	Figure 1



All data are approximate and should be used for relative location reference only.

2015 aerial photograph obtained online from Google Earth.

Prepared for:

6000 Portal Way LLC

Prepared by:

nwhatcom ENVIRONMENTAL

Site Check Map

6000 Portal Way
Ferndale, WA 98248

2019 Site Check

06/10/19

Figure 2

Table 1. Soil Sample Description - Portal Way Station

Sample ID	Depth (ft)	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
2019 Site Check 1	3.0	6/10/2019	Medium sand, brown, loose, moist. Collected from 1 foot below the ruptured product line.	554	MS

[a] - NS = No Sheen; VSS = Very Slight Sheen; SS = Slight Sheen; MS = Moderate Sheen; HS = Heavy Sheen

Table 2. Soil Sample Analytical Results - Portal Way Station

Sample ID	Date	NWTPH-Gx Volatile Range	EPA-8021 Benzene	EPA-8021 Toluene	EPA-8021 Ethylbenzene	EPA-8021 Xylenes	EPA-8260 EDB	EPA-8260 EDC	EPA-8260 Naphthalenes[b]	EPA-6021 Lead
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MTCA Method A Cleanup Levels		100/30[a]	0.03	7	6	9	0.005	--	5	250
2019 Site Check 1	6/10/2019	**13,000**	**200**	**1,100**	**230**	**1,200**	*ND(<0.079)*	ND(<0.01)	**83**	3

[a] - Cleanup level dependent on BTEX concentrations

b - Sum of Naphthalene, 1-methyl naphthalene, and 2-methyl naphthalene

BOLD - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

Italics - indicate analyte detection limit was raised above the MTCA Method A cleanup level due to dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

All samples collected using EPA Method 5035A

Photo 1. A view towards the northeast looking at the concrete cut with the northern HydroCon boring at the center.

Photo 2. A view of the ruptured product line when it was first uncovered. Note the visibly stained pea gravel around the pipe.

Photo 3. A closeup view of the ruptured product line showing the delaminated fiberglass caused by contact with the hand auger.

Photo 4. A closeup view of the ruptured product line. Note the auger scrape marks atop the product line.

Prepared for:	Prepared by:			
6000 Portal Way LLC	nwhatcom ENVIRONMENTAL	Site Check	06/26/2019	**Photograph Log**

APPENDIX A

UST Site Check/Site Assessment Checklist

DEPARTMENT OF ECOLOGY
State of Washington

UST ID #: _____

County: _____

SITE CHECK/SITE ASSESSMENT CHECKLIST

FOR UNDERGROUND STORAGE TANKS

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 #: A3495		Owner/Operator Name: Lakhwinder Malhi	
UST ID #: 8969		Business Name: 6000 Portal Way LLC	
Site Name: Portal Way Station		Address: 6000 Portal Way	
Site Address: 6000 Portal Way		City: Ferndale	State: WA Zip: 98248
City: Ferndale		Phone: (360) 441-5115	
Phone: (360) 441-5115		Email: lyndenshell3@gmail.com	

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: 1/20/2020	City: Bellingham	State: WA Zip: 98225

IV. TANK INFORMATION

TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	DATE SITE CHECK OR ASSESSMENT CONDUCTED
Tank #3 Product Line		Regular Gasoline	6/10/2019

V. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT (check one)

- ☐ Release investigation following permanent UST system closure (i.e. tank removal or closure-in-place).
- ☑ Release investigation following a failed tank and/or line tightness test.
- ☐ Release investigation following discovery of contaminated soil and/or groundwater.
- ☐ Release investigation directed by Ecology to determine if the UST system is the source of offsite impacts.
- ☐ 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).
- ☐ Directed by Ecology for UST system permanently closed or abandoned before 12/22/1988.
- ☐ 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.	☑	☐
2. A brief summary of information obtained during the site inspection is provided (Section 3.2)	☑	☐
3. A summary of UST system data is provided (Section 3.1)	☐	☑
4. The soils characteristics at the UST site are described. (Section 5.2)	☐	☑
5. Is there any apparent groundwater in the tank excavation?	☐	☑
6. A brief description of the surrounding land use is provided. (Section 3.1)	☑	☐
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.	☑	☐
8. The following items are provided in one or more sketches:		
• Location and ID number for all field samples collected	☑	☐
• If applicable, groundwater samples are distinguished from soil samples	☐	☑
• Location of samples collected from stockpiled excavated soil	☐	☑
• 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 are different from those specified in the guidance, has justification for using these alternative sampling procedures been provided? (Section 3.4)	☑	☐
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.	☑	☐
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. The requirements for reporting confirmed releases can be found in WAC 173-360-372.	☑	☐

VII. REQUIRED SIGNATURES

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

Jake Reijm		6/10/2019
Print or Type Name	Signature of Certified Site Assessor	Date

SITE CHECK/SITE ASSESSMENT CHECKLIST
FOR UNDERGROUND STORAGE TANKS

INSTRUCTIONS

This checklist must accompany the results of a Site Check Report, which is performed if a release of petroleum or other regulated substance is suspected. It is also required to accompany a Site Assessment Report, which is required following the permanent closure or "change-in-service" of an underground storage tank system. This form is required to be filled out whether or not contamination is found. This checklist is to be completed by the Site Assessor and submitted **within thirty days of completing** these activities to the following address:

Dept. of Ecology
UST Section
PO Box 47655
Olympia, WA 98504-7655

I./II. UST Facility and Owner/Operator Information: Fill out these sections completely. If you do not know your UST ID number, include the facility compliance tag number.

III. Service Provider Information: It is the responsibility of the ICC-certified Site Assessor to ensure that sampling and documentation procedures are completed in accordance with Ecology's *Guidance for Site Checks and Site Assessment for Underground Storage Tanks*.

IV. Tank Information: Use the same Tank identification numbers listed on the facility's Business License which is based on the most recent UST Addendum on file with Ecology. List the last substance stored in each tank, the tank sizes and the date the site check or site assessment was completed.

V. Required Signature: The Site Assessor signature certifies these procedures were followed.

All confirmed releases must be reported to Ecology by the owner within 24 hours and by service providers within 72 hours of discovery. A Site Characterization Report must be submitted to Ecology within 90 days after confirming a release.

Further questions? *Please contact your regional office below and ask for a tank inspector to assist you.*

Regional Office	Counties Served
Central (509) 575-2490	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima
Eastern (509) 329-3400	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman
HQ (360) 407-7170	Federal facilities in Western Washington
Northwest (425) 649-7000	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom
Southwest (360) 407-6300	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum

or find a complete list of UST inspectors at:
www.ecy.wa.gov/programs/tcp/ust-lust/people.html

To request materials in a format for the visually impaired call Ecology at 360-407-7170, Relay Service 711, or TTY 877-833-6341

APPENDIX B

Tightness Test Records

Northwest Tank & Environmental Services, Inc.
17407 59th Ave SE
Snohomish, WA 98296
PH: (800) 742-9620 FAX: (425) 645-7881
http://www.nwtank.com

Friday, June 7, 2019

Portal Way Station
6000 Portal Way
Ferndale, WA 98248-9360

Portal Way Station
6000 Portal Way
Ferndale, WA 98248-9360

RE: Job ID 84740

Dear Valued Customer:

The **Field Report** including all test results and any supporting documentation are enclosed. The test data covered in this report are specific to each test conducted. For your convenience, a summary of testing conducted is provided on the report cover page.

Unless stated otherwise, all compliance testing data must be maintained on site for a minimum of **5 years**. Instructions for specific test types may follow.

Please call if you have any questions or require additional information.

Sincerely,

Rose M. Olsen

Northwest Tank & Environmental Services, Inc.

Maintain all test reports on-site for a minimum of 5 years.

FIELD REPORT

Test Report For:

Client
Portal Way Station
6000 Portal Way
Ferndale, WA 98248-9360
Job #: 84740

Site
Portal Way Station
6000 Portal Way
Ferndale, WA 98248-9360
UST Site ID: 8969

Date Testing Conducted

Friday June 7, 2019

Testing Summary

Line Test Post Construction	TEST FAILED - ATTENTION REQUIRED
WA Leak Testing Checklist	COMPLETE

Certified Supervisor: Scott Pike Certificate #: 5053249-U3

Work Acknowledgement Form

Customer Name: Portal Way Station **UST Site ID:** 8969
Site Name: Portal Way Station
Site Address: 6000 Portal Way, Ferndale
Job Number: 84740
Ticket / PO#: COD
Date Of Service: 06/07/2019

Testing Company: Northwest Tank & Environmental Services, Inc.
Primary Technician: Scott Pike
Address: 17407 59th Ave SE
City/State/Zip: Snohomish, WA 98296
PH: (800) 742-9620

Start Time:	14:37:36	End Time:	15:17:13	Number of Technicians:	1

Scope of work scheduled:
Line Test Post Construction
WA Leak Testing Checklist

Site Representative Upon Checkin: Billa
Signature:

Monitoring System Issues Observed Upon Arrival:	Dispenser and UST System Issues Observed Upon Arrival:
None	None

Dispatch Notes:
Line test after line had pressure drop after core drilling.
Technician Comments:
Preformed line test on regular tank #3 , Core drilling hit line . line is leaking , shut ball valve down

-----WA Leak Testing Checklist-----
Comments - Line is leaking , needs repair

Monitoring System Issues Noted at Departure:	Dispenser and UST System Issues Noted at Departure:
None	None

Monthly Monitoring Records for the last 12 Months

Tanks					
Tank State ID	**Product**	**Tank Overfill and Monthly Monitoring Verification**	**Verification Method**	**Monthly Monitor**	**Records Maintained 12 Months**
1	Regular	Unknown	Visual	CSLD	Yes
2	Premium	Unknown	Visual	CSLD	Yes
3	Regular	Unknown	Visual	CSLD	Yes
4	Diesel	Unknown	Visual	CSLD	Yes

Lines			
Line ID	**Tank State ID**	**Line Monthly Monitoring Verification**	**Records Maintained 12 Months**
1	1	Annual Line Test	Yes
4	2	Annual Line Test	Yes
3	3	Annual Line Test	Yes
2	4	Annual Line Test	Yes

Post-Operation Checks

Technician has pumped from each product? Yes

Technician has walked the site for remaining tools and hazards? Yes

Technician Signature:

Have all isolated mechanisms been removed? Yes

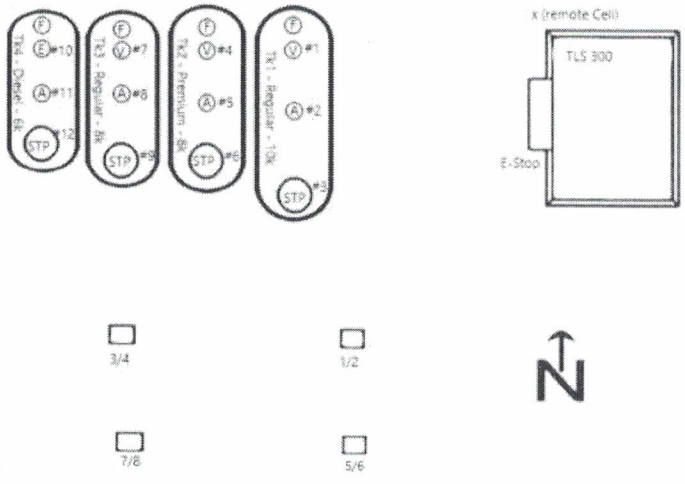
Dispensers out of stand-alone? N/A

Site Representative at Checkout:

Site Map

Customer Name: Portal Way Station **Site Name:** Portal Way Station

Site Address: 6000 Portal Way, Ferndale
Job Number: 84740
UST Site ID:8969



DEPARTMENT OF ECOLOGY
State of Washington

WA Leak Testing Checklist

FOR Underground Storage Tanks

UST ID #: 8969

County : Whatcom

This checklist certifies testing activities were conducted in accordance with Chapter 173-360 WAC. Instructions are found on pages 4 and 5.

DATE TEST CONDUCTED: 06/07/2019

I. UST FACILITY	II. CERTIFIED SERVICE PROVIDER
Facility Compliance Tag #:A3495	Service Provider Name: Scott Pike
UST ID #: 8969	Company Name: Northwest Tank & Environmental Services, Inc.
Site Name: Portal Way Station	Address: 17407 59th Ave SE
Site Address: 6000 Portal Way	City: Snohomish State: WA Zipcode: 98296
City: Ferndale	Phone: (800) 742-9620 Email: info@nwtank.com
Site Phone: 360-441-5115	ICC Certification Type: Tightness Testing ICBO- U3
	ICC Cert. #: 5053249-U3 Exp. Date: 07/13/2019
III. UST OWNER/OPERATOR	
Name: Portal Way Station	Phone: 360-441-5115 Email: portalwaystation@gmail.com
Mailing Address: 6000 Portal Way	City: Ferndale State: WA Zipcode: 98248-9360

IV. UST SYSTEM INFORMATION based on observations, not Ecology database

-- use bolded acronyms, where applicable --

	Tank ID:	Tank ID:	Tank ID:	Tank ID:
1. Tank ID # (tank name registered with Ecology)	1	2	3	4
2. Date installed (if known)	3/24/1992	3/24/1992	3/24/1992	3/24/1992
3. Tank capacity (gallons)	10000	8000	8000	6000
4. Tank material (select **NV** if not visually verified): Steel **(ST)**; Steel Clad w/ Corrosion Resist **(CLAD)**; Fiberglass Reinforced Plastic **(FRP)**; **STIp3**; Not Visible **(NV)**	SWS	SWS	SWS	SWS
5. Tank construction (select **NV** if not visually verified): Single Wall **(SW)**; Double Wall **(DW)**; Compartment **(COMP)**; Not Visible **(NV)**	SW	SW	SW	SW
6.Piping material (select **NV** if not visually verified): Steel **(ST)**; Fiberglass reinforced Plastic **(FRP)**; Flexible Plastic **(FLEX);** Not Visible **(NV);**Other(specify)	SWF	SWF	SWF	SWF
7. Piping construction (select **NV** if not visually verified): Single Wall **(SW)**; Double Wall **(DW)**; Not Visible **(NV)**	Single	Single	Single	Single
8. Pumping system: Pressurized **(PR)**; Safe Suction **(SS)**; Non-Safe Suction **(NSS)**; Siphon **(S)**	Pressure	Pressure	Pressure	Pressure

ECY 070-69 (Rev. Jan. 2016)

V. SERVICES PERFORMED (CHECK ALL THAT APPLY)

Supporting test data and/or documentation must be attached or this checklist is considered incomplete.

		PASS	FAIL	# tested	Describe: dispenser # used for testing lines and ALLD and other information required to duplicate test results.
Lines	☐ ALLD Test Method Used: _____ Mfr. Cert. exp. date: 03-07-2020 ***Manufacturer and model numbers must be provided for each ALLD on the supporting documentation.***	☐	☐	—	
	☑ Line Tightness Test Method Used: Acurite Mfr. Cert. exp. date: 03-07-2020	☑	☐	1	Performed line test on #3 regular , line is leaking due to core drilling
	☐ Line Interstitial (or Sump Sensor) Test	☐	☐	—	
Tanks	☐ Tank Tightness Test (i.e. 3rd-party certified test up to overfill prevention level) Method Used: _____ Mfr. Cert. exp. date: _____	☐	☐	—	
	☐ Tank Interstitial (or Tank Sensor) Test	☐	☐	—	
UST Equipment	☐ Monitor Equipment Check	☐	☐	—	
	☐ Overfill Equipment Check (check all that apply) — ☐ Auto shutoff device	☐	☐	—	
	☐ Overfill Equipment Check (check all that apply) — ☐ Ball float valve	☐	☐	—	
	☐ Overfill Equipment Check (check all that apply) — ☐ Overfill Alarm	☐	☐	—	
	☐ Spill Bucket Test	☐	☐	—	
	☐ Tank Sump Test	☐	☐	—	
	☐ Other (describe briefly)	☐	☐	—	

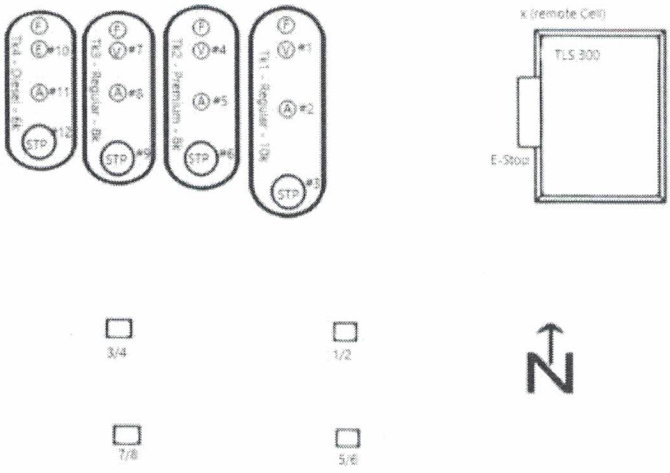
VI. COMMENTS *include descriptions to problems encountered and how they were addressed.*

WA Leak Testing Checklist:
Comments - Line is leaking , needs repair

VII. CHECKLIST

The following items shall be initialed by the Certified Service Provider.	YES	NO	N/A
1. Have all checked items been tested per recommended practices, code and/or manufacturer's requirements and in accordance with federal and/or state regulations?	☑	☐	☐
2. Has the owner/operator been provided with written documentation of the testing results?	☑	☐	☐
3. Has the owner/operator been made aware of any faulty equipment or necessary repairs?*	☑	☐	☐
Date work was completed:	06/07/2019		

VIII. SITE DIAGRAM -- Include description and/or locations of equipment tested --



PERSONS SUBMITTING FALSE INFORMATION ARE SUBJECT TO FORMAL ENFORCEMENT AND/OR PENALTIES UNDER CHAPTER 173-360 WAC. .

IX. REQUIRED SIGNATURES

06/07/2019		Scott Pike - Tech
Date	Signature of Certified Service Provider	Print or Type Name
06/07/2019		Lucky - Owner / Dealer
Date	Signature of Tank Owner or Authorized Representative	Print or Type Name

ECY 070-69 (Rev. Jan. 2016)

LEAK TESTING CHECKLIST

INSTRUCTIONS

The tank owner/operator is responsible for:

1. reporting failed tests to the appropriate Ecology regional office within 24 hours, if the test results in a suspected or confirmed release.

2. signing and submitting a copy of the completed checklist to Ecology at the address listed below.

Mail Checklist to:
Department of Ecology
Underground Storage Tank Section
PO Box 47655
Olympia, WA 98504 - 7600

- The attached Underground Storage Tank (UST) checklist is required for activities described above. Completing this checklist documents and certifies testing activities are performed and conducted in accordance with Chapter 173-360 WAC.

- This checklist must be filled out completely by an International Code Council (ICC) certified provider for Tank Tightness Testing (which covers tanks, lines and leak detectors) within 30 days following the completion of testing activities.

- To be considered complete, the service provider must attach supporting data and/or documentation of testing or inspections completed by the service provider. Proof of testing equipment certification must also be attached.

- A copy of the completed checklist with supporting documentation must be provided to the tank system owner/operator.

I. **UST Facility:** Complete this section about the UST facility and use the facility compliance tag # (license plate) and/or UST ID # (if known) to help identify the location.

II. **Testing Service Provider:** Complete this section about the ICC certified service provider and company.

III. **UST Owner/Operator:** Complete this section about the owner or operator of the UST facility .

IV. **UST System Information:** Identify tank and piping material and construction only if it is visually verified during the site visit. Do not use Ecology records to complete this section.

V. **Services Performed:** Check all that apply and specifically describe which equipment was tested. If several components are tested but only one is found to be failing, check "fail" and provide a description of the observations (i.e. which equipment passed or failed). Note: the UST regulations do not require all of the equipment listed be tested. An example of Section V is found on page 6.

a. **ALLD:** The ALLD manufacturer, test method used and manufacturer's test method certification expiration date must be provided.

   If the piping has main/satellite dispensers, the test must demonstrate the ALLD functions if there is a leak in the entire piping run, including the line that runs to a satellite dispenser. On the checklist, indicate the dispenser number where the testing equipment was connected. Follow testing procedures described by the manufacturer and be sure to verify the leak detector is third-party certified for the UST system and type of product stored.

b. **Line Tightness Test –** The test method and manufacturer's test method certification expiration date must be listed.

   If the piping has main/satellite dispensers, be sure the entire piping run is tested (i.e. all the way to the satellite dispensers). Follow testing procedures described by the manufacturer and verify the test method is third-party certified for the UST system and type of product stored. The service provider must provide proof he is certified to operate the equipment used for testing.

c. **Line Interstitial (or Sump Sensor) Test :** Sensors must be tested per manufacturer specifications or list the Recommended Practice used. Verify the sensors are third-party certified for the product stored.

d. **Tank Tightness Test:**

   I. **Third - party certified test:** The test method and manufacturer's test method certification expiration date must be listed.

      Follow testing procedures described by the third-party certified test method. Be sure the test method is approved for the UST system and product stored. The service provider must provide proof of certification to operate the equipment used for testing.

   II. **Pre-test:** This test is conducted on the tank ullage and may be used to test tanks prior to receiving fuel. It does not substitute for a third-party certified tank tightness test.

e. **Tank Interstitial (or Annular Sensor) Test:** Interstitial monitoring equipment must be tested as per manufacturer specification or list the Recommended Practice used. Verify the equipment is third- party certified for the product stored.

f. **Monitor Equipment Test :** Include the make and model of automatic tank gauging equipment installed. Describe which components were checked/tested (i.e. probes, sensors, programming, etc.) or list the Recommended Practice used. Be sure to verify the equipment is third-party certified for the UST system and that components are compatible with the product stored.

g. **Dispenser Sump Test :** Describe how the test was conducted or list the Recommended Practice used. .

h. **Overfill Equipment Test :** Overfill alarms must be set at 90% tank capacity and verified to be audible to the delivery driver. Describe how the test was conducted or list the Recommended Practice used.

If ball float valves or automatic shutoffs are installed, describe if they are visually verified and/or removed and inspected for functionality.

i. **Spill Bucket Test :** Describe how the test was conducted or list the Recommended Practice used.

j. **Tank Sump Test :** Describe how the test was conducted or list the Recommended Practice used.

VI. **Comments:** Describe reason for testing and, for failed test results, how and when the problem will be corrected .

VII. **Checklist:** Initial in the appropriate box to answer the questions .

VIII. **Site Diagram:** The site diagram should include location, number and description of tanks and dispensers. Be sure descriptions in Section V are consistent with labels on the site diagram.

IX. **Required Signatures:** The ICC certified service provider must sign and date the completed checklist. The owner/operator must sign and submit the completed checklist to Ecology.

ECY 070-69 (Rev. Jan. 2016)

Line Tightness Test Results

Company Name:	Portal Way Station	Job ID Number:	84740
Site Name:	Portal Way Station	Technician Name:	Scott Pike
Address:	6000 Portal Way Ferndale, WA 98248-9360	License Number:	5053249-U3
UST Site ID:	8969	Expiration Date:	07/13/2019
Test Date:	06/07/2019		

Line Tightness Test Data

Product:	Regular	Tank ID:	1	Start Time:	11:35
Approx Length:	300	STP MFG:	Tokheim 1.5 HP	End Time:	12:05
Size:	2	Operating Pressure:	26	Total Test Time:	30mins
Line Material:	SWF	Test Pressure:	39	Final Leak Rate:	.00000
Wall Type:	Single	Isolation Dispenser:	Impact Valve	Impact Valves Operational:	Yes
Boot Back:	N/A	Isolation Pump:	Ball Valve	Check Valve Location:	N/A
Line Type:	Pressure	Initial Cylinder Level:	0.080	**Result:**	Pass
		Final Cylinder Level:	0.080		

Product:	Premium	Tank ID:	2	Start Time:	11:35
Approx Length:	300	STP MFG:	Tokheim 1.5 HP	End Time:	12:05
Size:	2	Operating Pressure:	25	Total Test Time:	30mins
Line Material:	SWF	Test Pressure:	37.5	Final Leak Rate:	.00000
Wall Type:	Single	Isolation Dispenser:	Impact Valve	Impact Valves Operational:	Yes
Boot Back:	N/A	Isolation Pump:	Ball Valve	Check Valve Location:	N/A
Line Type:	Pressure	Initial Cylinder Level:	0.080	**Result:**	Pass
		Final Cylinder Level:	0.080		

Product:	Regular	Tank ID:	3	Start Time:	15:00
Approx Length:	300	STP MFG:	Tokheim 1.5 HP	End Time:	15:05
Size:	2	Operating Pressure:	25	Total Test Time:	5mins
Line Material:	SWF	Test Pressure:	37.5	Final Leak Rate:	.00000
Wall Type:	Single	Isolation Dispenser:	Impact Valve	Impact Valves Operational:	Yes
Boot Back:	N/A	Isolation Pump:	Ball Valve	Check Valve Location:	N/A
Line Type:	Pressure	Initial Cylinder Level:	0.080	**Result:**	Fail
		Final Cylinder Level:	0		

Product:	Diesel	Tank ID:	4	Start Time:	11:35
Approx Length:	200	STP MFG:	Tokheim 3/4 HP	End Time:	12:05
Size:	2	Operating Pressure:	28	Total Test Time:	30mins
Line Material:	SWF	Test Pressure:	42	Final Leak Rate:	.00000
Wall Type:	Single	Isolation Dispenser:	Impact Valve	Impact Valves Operational:	Yes
Boot Back:	N/A	Isolation Pump:	Ball Valve	Check Valve Location:	N/A
Line Type:	Pressure	Initial Cylinder Level:	0.080	**Result:**	Pass
		Final Cylinder Level:	0.080		

Line tightness testing conducted in accordance with the procedures and limitations of the Acurite pipeline tester. A consistent leak rate of .01 gph or higher at 150% of normal operating pressure is considered a failure. The owner or operator of the UST system is required to report all failures to the appropriate agency within 24 hours.

The results of any sampling, testing, or monitoring shall be maintained for at least five years, or for another reasonable period of time determined by the department or delegated agency, except that the results of tank tightness testing conducted in accordance with CFR 40 Part 280.44 shall be retained until the next test is conducted.

Comments:

Technician Name: Scott Pike
Signature:

Date: 06/07/2019

Worker Signatures: I have reviewed and understand the conditions of this permit and its attachments. I will report hazardous conditions or acts identified on this jobs ite to my supervisor or customer representative.	1:  2: 3:

Person In Charge: Scott Pike
Location: Portal Way Station, 6000 Portal Way Ferndale, WA
Date: 06/07/2019
Time Issued: 06/07/2019 02:41 pm
Work Order#: 84740
Time Expires: 06/08/2019 02:41 pm
Nearest Hospital: (see hospital map)
Emergency Phone#: 911

REQUIRED PERMITS AND/OR PROCEDURES

[ ] Hot Work
[ ] Excavation Checklist
[X] Lock-Out Tag-Out
[ ] Pre Entry Checklist
[ ] Confined Space
[ ] One Call
[ ] Hoisting/Rigging
[ ] Management Of Change
[ ] Work Notification
[ ] Other

HAZARDOUS ENERGY LOCK-OUT TAG-OUT (LOTO)- API 1646 Section 12

Has piece of equipment or system been properly isolated? Yes
Has energy isolation been reviewed by all affected workers? Yes
List All Affected Workers: Scott Pike

CONFINED SPACE PRE-ENTRY CHECKLIST / RECLASSIFICATION - API 1646 Section 11

Surrounding areas free of hazards? Yes
Proper notifications made? Yes
Does your knowledge indicate that the area will remain free from all atmoshperic hazards? Yes
Are you trained in confined space entry? Yes
Are you trained in the operation of the air monitor used? Yes
Has the monitor been calibrated before use? Yes
Did you test the atmoshphere in the space before entry? Yes
Did the atmosphere check as acceptable? Yes
Will the atmosphere be continuously monitored? Yes

Sump	Time	Isolation	Lel	Oxygen	Toxicity	Atmosphere	Electrical Loto	Lines Disconnected	Pumps Off	Valves Shut

I ensure this permit has been filled out completely and in conjunction with all applicable OSHA requirements to provide a safe workplace for all workers and myself. I will take action to eliminate hazardous conditions or acts identified on this job site.

Person in Charge Signature: 

Job Clearance Form

Contractor instructions prior to start of work. 1. Review form, check appropriate boxes, read and sign at the bottom of this form. 2. Inform dealer, manager or representative of the job to be performed and potential safety concerns and obtain signature.

Station #:	Station Address:	Work Order Number:	UST Site ID:	Date:
Portal Way Station	6000 Portal Way, Ferndale	84740	8969	06/07/2019

Contractor Company Name:	Contact Person in Charge:	Number of Workers:	JFA Reference Number (if required):	Start Time:	End Time:	Labor:	Travel Time:	Travel Distance:
Northwest Tank & Environmental Services, Inc.	Scott Pike				6/7/2019 3:17:13 PM	0.00	0.00	0

Problem / Work Description	Return Call: No Damage Claim: No

PPE REQUIRED (CHECK ALL THAT APPLY AND/OR FILL IN "OTHER" BLANK SPACE)

Safety Vest: Yes	Hard Hat: N/A	Shoes/Boots: Yes	Hearing Protection: N/A	Respirator: N/A
Protective Clothing: Yes	Gloves: Yes	Safety glasses/goggles: Yes	Fire Resist Clothing/Welding PPE: N/A	Other:

Contractor to complete section below if circumstances on site or specific to this job may generate additional hazards not described in the JSA.

Task Step	Hazards not covered by JSA	How to reduce or eliminate risk - include extra PPE to be worn
Line Test Site Info Work Permit WA Leak Testing Checklist		

Work documentation requirements: Lower Risk - This form may be used as JSA Medium Risk/Higher Risk - JSA Required Higher Risk - JSA Required and other customer requirements may apply

Examples of higher/medium Risk Tasks:

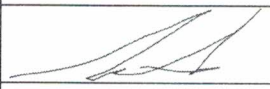
Hot Work
Excavation Checklist
Lock-Out Tag-Out
Pre Entry Checklist
Confined Space
One Call
Hoisting/Rigging
Management Of Change
Work Notification
Other

This form must be completed for each job and updated and re-signed if circumstances change or additional hazards are identified.

SIGN IN

Operating sites: to be signed by the site representative. Non-Operating sites: to be signed by contractor representative only. Contractor responsibility to inform site of:

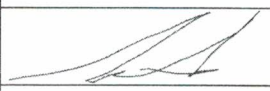
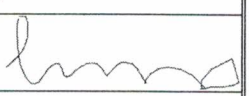
Hazards of the job,
Effects on the site or operation,
Any affect to gasoline deliveries,
Energy isolation needed,
Areas to be barricaded for worker/public safety.

Contractor Representative Name	Signature
Scott Pike	
Site Representative Name	Signature
Contractor has discussed Job Clearance Form with me.	
Billa	

SIGN OUT AND OPERATOR VERIFICATION OF WORK

General safety checks by contractor

Has the work area been left tidy and safe?
Is the site operator aware of status of work including any remaining isolation
Are changes to equipment documented and communicated?
All incidents, near misses, unsafe situations reported?

Contractor Representative Name	Signature
Scott Pike	
Site Representative Name	Signature
Billa	
Site Representative Comments	
None	

Please refer to work acknowledgement form for a complete list of parts installed.

Permit to Work

Date:	06/07/2019
Job ID:	84740
UST Site ID:	8969
Company:	Portal Way Station
Site:	Portal Way Station
Technician:	Scott Pike

Scope of Work:
Line Test Post Construction
WA Leak Testing Checklist

Hazard Analysis:
Hot Work
Excavation Checklist
Lock-Out Tag-Out
Pre Entry Checklist
Confined Space
One Call
Hoisting/Rigging
Management Of Change
Work Notification
Other

Site Evaluation	
E-Stop switch located	Yes
Storm drain(s) located	Yes
Hand/Eyewash facility located	Yes
Identify other contractors	N/A
Identify traffic ingress/egress	Yes
Identify evacuation routes	Yes
Assembly Area:	Back lot

Personal Protective Equipment	
First Aid Kit stocked	Yes
Note Depleted Stock:	
Nitrile Gloves	Yes
Safety Vest	Yes
Safety Glasses	Yes
Hard Hat	N/A
Hearing Protection	N/A
Knee Pads	Yes
Back Brace	N/A
Harness / Lanyard	N/A

Safety Equipment	
Lockout / Tagout	Yes
Oxygen / Vapor Sensor	Yes
Ventilator	N/A
Retrieval Equipment	N/A
Delineators / Perimeter Fencing	Yes
Ground Fault Circuit Interruptor	N/A
20# Fire Extinguisher	Yes
Static Grounds	N/A
Explosion-Proof Pump	N/A
Absorbant Rags	N/A
Communication Equipment (cell phone)	Yes
Scissor Lift**	N/A
** For work above 6', an elevated work permit is required.	
Refer to your Company Safety manual for standard operating procedures and equipment standards. Please contact your immediate supervisor to clarify procedures not covered in your safety manual.	

Pre-Operation Checks	
Ladder Inspection **	N/A
Extension Cord Inspection	N/A
Oxygen / Vapor Sensor Calibrated	Yes
Tools / Equipment in Good Repair	Yes
Equipment Grounding	N/A
Hazard Communication	Yes
** Work cannot be performed on ladder above 6'.	

Pre-Entry Checklist for Confined Space	
Is the sump greater than 5' deep?	N/A
Is there hazardous liquid/vapor present?	N/A
Is there a lack of oxygen within the space?	N/A
IF ANY OF THESE ARE ANSWERED YES A PERMIT MUST BE ISSUED!	

Job Completion Checklist	
Have all isolation mechanisms been removed	Yes
Have you pumped from each product?	Yes
Are all dispensers out of "stand-alone"	N/A
Have you walked the site for tools or hazards?	N/A

Northwest Tank & Environmental Services, Inc.
17407 59th Ave SE
Snohomish, WA 98296
PH: (800) 742-9620 FAX: (425) 645-7881
http://www.nwtank.com

Invoice Number: 2019-0977
Date: 06/07/2019
JobID: 84740
PO: COD
Status: Unpaid

Bill To:
Portal Way Station
6000 Portal Way
Ferndale, WA 98248-9360

T	Item	Description	Price	Qty	Extended
	Test: Line Test Post Construction	RESULT:	$386.00	1	$386.00
				Sub-Total	$386.00
				Tax	$0.00
				Total	$386.00

_____ Payment Collected on site. Check # _____

_____ Paid by Credit Card(3% service charge applies)

_____ Payment not available at the time of service, report not released

Site Representative Print Name: _____ Signature: _____

APPENDIX C

Laboratory Analytical Data Report

June 25, 2019

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

Dear Mr. Reijm,

On June 12th, 1 sample was received by our laboratory and assigned our laboratory project number EV19060080. The project was identified as your Portal Way Station. 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/25/2019 EV19060080 EV19060080-01
CLIENT CONTACT:	Jake Reijm	DATE RECEIVED:	06/12/2019
CLIENT PROJECT:	Portal Way Station	COLLECTION DATE:	6/10/2019 3:50:00 PM
CLIENT SAMPLE ID	2019 Site Check 1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**13000**	2400	800	MG/KG	06/17/2019	KLS
Benzene	EPA-8021	**200**	3.0	100	MG/KG	06/15/2019	KLS
Toluene	EPA-8021	**1100**	40	800	MG/KG	06/17/2019	KLS
Ethylbenzene	EPA-8021	**230**	5.0	100	MG/KG	06/15/2019	KLS
Xylenes	EPA-8021	**1200**	20	100	MG/KG	06/15/2019	KLS
1,2-Dichloroethane	EPA-8260	U	100	10	UG/KG	06/21/2019	DLC
1,2-Dibromoethane	EPA-8260	U	79	10	UG/KG	06/21/2019	DLC
Naphthalene	EPA-8270 SIM	**32000**	2000	100	UG/KG	06/24/2019	JMK
2-Methylnaphthalene	EPA-8270 SIM	**30000**	2000	100	UG/KG	06/24/2019	JMK
1-Methylnaphthalene	EPA-8270 SIM	**21000**	2000	100	UG/KG	06/24/2019	JMK
Lead	EPA-6020	**3.1**	0.10	1	MG/KG	06/13/2019	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 800X Dilution	NWTPH-GX	**8380 SUR07**	06/17/2019	KLS
TFT 100X Dilution	EPA-8021	**3350 SUR07**	06/15/2019	KLS
TFT 800X Dilution	EPA-8021	**0 SUR07**	06/17/2019	KLS
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	**130**	06/21/2019	DLC
Terphenyl-d14 100X Dilution	EPA-8270 SIM	**116**	06/24/2019	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recoveries could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/25/2019
		ALS SDG#:	EV19060080
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Jake Reijm		
CLIENT PROJECT:	Portal Way Station		

LABORATORY BLANK RESULTS

MBG-061419S - Batch 142092 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	06/15/2019	KLS

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

MB-061419S - Batch 142092 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	06/15/2019	KLS
Toluene	EPA-8021	U	MG/KG	0.050	06/15/2019	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	06/15/2019	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	06/15/2019	KLS

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

MB-062119S - Batch 142307 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	06/21/2019	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	06/21/2019	DLC
Toluene	EPA-8260	U	UG/KG	10	06/21/2019	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	06/21/2019	DLC

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

MB-062119S - Batch 142359 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2019	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2019	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2019	JMK
Benzo[G,H,I]Perylene	EPA-8270 SIM	U	UG/KG	20	06/21/2019	JMK

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

MB-061319S - Batch 142010 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	06/13/2019	RAL

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Jake Reijm
CLIENT PROJECT: Portal Way Station

DATE: 6/25/2019
ALS SDG#: EV19060080
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 142092 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**96.7**			66.5	122.7	06/15/2019	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**96.7**	**0**		66.5	122.7	06/15/2019	KLS

ALS Test Batch ID: 142092 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**107**			67.7	124	06/18/2019	KLS
Benzene - BSD	EPA-8021	**102**	**5**		67.7	124	06/19/2019	KLS
Toluene - BS	EPA-8021	**102**			71	123	06/18/2019	KLS
Toluene - BSD	EPA-8021	**99.8**	**2**		71	123	06/19/2019	KLS
Ethylbenzene - BS	EPA-8021	**101**			69.8	117	06/18/2019	KLS
Ethylbenzene - BSD	EPA-8021	**99.8**	**1**		69.8	117	06/19/2019	KLS
Xylenes - BS	EPA-8021	**102**			70	119	06/18/2019	KLS
Xylenes - BSD	EPA-8021	**101**	**1**		70	119	06/19/2019	KLS

ALS Test Batch ID: 142307 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**108**			70	130	06/21/2019	DLC
1,1-Dichloroethene - BSD	EPA-8260	**110**	**1**		70	130	06/21/2019	DLC
1,2-Dichloroethane - BS	EPA-8260	**95.6**			50	150	06/21/2019	DLC
1,2-Dichloroethane - BSD	EPA-8260	**98.3**	**3**		50	150	06/21/2019	DLC
Toluene - BS	EPA-8260	**104**			71.6	122.1	06/21/2019	DLC
Toluene - BSD	EPA-8260	**106**	**2**		71.6	122.1	06/21/2019	DLC
1,2-Dibromoethane - BS	EPA-8260	**102**			50	150	06/21/2019	DLC
1,2-Dibromoethane - BSD	EPA-8260	**107**	**5**		50	150	06/21/2019	DLC

ALS Test Batch ID: 142359 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**81.8**			20	150	06/21/2019	JMK
Naphthalene - BSD	EPA-8270 SIM	**76.4**	**7**		20	150	06/21/2019	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**81.5**			20	150	06/21/2019	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**75.7**	**7**		20	150	06/21/2019	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**86.3**			20	150	06/21/2019	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**81.3**	**6**		20	150	06/21/2019	JMK
Benzo[G,H,I]Perylene - BS	EPA-8270 SIM	**73.6**			20	150	06/21/2019	JMK
Benzo[G,H,I]Perylene - BSD	EPA-8270 SIM	**64.6**	**13**		20	150	06/21/2019	JMK

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/25/2019
		ALS SDG#:	EV19060080
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Jake Reijm		
CLIENT PROJECT:	Portal Way Station		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 142010 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**101**			80	120	06/13/2019	RAL
Lead - BSD	EPA-6020	**103**	**2**		80	120	06/13/2019	RAL

APPROVED BY

Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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): EV1906 0060

Date 6/11/19 Page 1 Of 1

PROJECT ID:	Portal Way Station
REPORT TO COMPANY:	Whatcom Environmental Services
PROJECT MANAGER:	Jake Reijn
ADDRESS:	228 E Champion St #101 Bellingham, WA 98225
PHONE:	360-752-9571 P.O. #:
E-MAIL:	jreijn@whatcom...
INVOICE TO COMPANY:	
ATTENTION:	SAME AS ABOVE
ADDRESS:	

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 (X)	BTEX by EPA 8260 ☐	MTBE by EPA 8021 (X)	MTBE by EPA 8260 ☐	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 by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify) Lead	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify) Naphthalenes	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1 2019 Site Check 1	6/10/19	3:50	Soil	1			X	X		X					X									X						X	1	
2.																																
3.																																
4.																																
5.																																
6.																																
7.																																
8.																																
9.																																
10.																																

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature], WES, 6/11/19, 730am
   Received By: [signature] ALS 6/12/19 3:10
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10 Standard) 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis: (5 Standard) 3 1 SAME DAY

OTHER:
Specify: _____

*Turnaround request less than standard may incur Rush Charges