State of Oregon Department of Environmental Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

This report MUST be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, **within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.**

DEQ FACILITY NUMBER: 12757

FACILITY NAME: 315 Federal Street

FACILITY ADDRESS: 315 Federal Street, The Dalles, OR 97058

PERMITTEE PHONE: 541.705.5171 DATE: 7/1/2024

B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements)**.

DEQ Service Provider's License #: 21450 Construction Contractors Board License #: 245090

Name: Martin S. Burck Associates

Telephone: 541.387.4422

DEQ Decommissioning Supervisor's License #: 27077

Name: Jonathan White

Telephone: 541.387.4422

DEQ Soil Matrix Service Provider's License #: _____ (If applicable)

Name: _____

Telephone: _____

DEQ Soil Matrix Supervisor's License #: _____ (If applicable)

Name: _____

Telephone: _____

C. DATES:

Decommissioning/Change-in-Service Notice - Date Submitted: _____ (30 days before work starts).

Work Start Telephone Notice - Number issued by DEQ: _____ (3 working days before work starts).

DEQ Person Notified: _____

Date Work Started: _____ Date Work Completed: _____

Note: Provide the following information if any soil or water contamination is found during the decommissioning or change-in-service. Contamination must be reported by the UST permittee within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: 5/31/2024 By: Josh Owen

DEQ Person Notified: Your DEQ (Online)

D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: _____

E. TANK INFORMATION:

			PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE ♦	CHANGE IN SERVICE ♦	YES	NO
UST1	Unregulated	675	Gasoline		☑	☐	☐	☐	☑
UST2	Unregulated	1000	Diesel		☑	☐	☐	☐	☑
UST3	Unregulated	1000	Empty		☑	☐	☐	☐	☑
UST4	Unregulated	1000	Empty		☑	☐	☐	☐	☑
UST5	Unregulated	1000	Empty		☑	☐	☐	☐	☑

NOTE 1: Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

NOTE 2: Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

F. DISPOSAL INFORMATION:

	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
TANK ID #	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
UST1	☑	☐	☐	Metro Metals	ORRCO	ORRCO
UST2	☑	☐	☐	Rivergate Scrap Metals	ORRCO	ORRCO
UST3	☑	☐	☐	Rivergate Scrap Metals	N/A	N/A
UST4	☐	☑	☐	Wasco County Landfill	N/A	N/A
UST5	☐	☑	☐	Wasco County Landfill	N/A	N/A

NOTE 1: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

NOTE 2: Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

NOTE 3: Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

G. CONTAMINATION INFORMATION:

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
UST1	☐	☑	☑	3	Eurofins Environment Testing, Spokane, WA - 509.924.9200
UST2	☐	☐	☐	2	Eurofins Environment Testing, Spokane, WA - 509.924.9200
UST3	☐	☐	☐	2	Eurofins Environment Testing, Spokane, WA - 509.924.9200
UST4	☐	☑	☐	2	Eurofins Environment Testing, Spokane, WA - 509.924.9200
UST5	☐	☐	☐	2	Eurofins Environment Testing, Spokane, WA - 509.924.9200

NOTE 1: Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QC information. Include laboratory name, address and copies of chain-of-custody forms.

NOTE 2: If contamination is detected, DEQ requires you notify both the UST Program and Clean Up Program within 24 hours of observed contamination and/or analytical results. You must submit a **20 Day Report Form for UST Cleanup Projects** to the Cleanup Program and attach a copy of the form to this checklist.

H. SITE SKETCH: (Show location of adjacent roads, property lines, structures, dispensers, & all USTs. Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)

*See attached figure

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher:	Type/Size:	10 Lb Dry Chemical	Recharge Date:	7/20/2023
Combustible Gas Detector:	Model:	GasAlert Max XTII	Calibration Date:	1/22/2024
Oxygen Analyzer:	Model:	GasAlert Max XTII	Calibration Date:	1/22/2024

J. DECOMMISSIONING:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
1. All electrical equipment grounded and explosion proof?	✓			
2. Safety equipment on job site?	✓			
3. Overhead electrical lines located?	✓			
4. Subsurface electrical lines off or disconnected?	✓			
5. Natural gas lines off or disconnected?				✓
6. No open fires or smoking material in area?	✓			
7. Vehicle and pedestrian traffic controlled?	✓			
8. Excavation material area cleared?	✓			
9. Rainwater runoff directed to treatment area?				✓
10. Drained and collected product from lines?				✓
11. Removed product and residual from tank?	✓			
12. Cleaned tank?	✓			
13. Excavated to top of tank?	✓			
14. Removed tank fixtures? (pumps, leak detection equipment)				✓
15. Removed product, fill and vent lines?	✓			

K. TANK ABANDONMENT IN-PLACE:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ? Date:_____ DEQ Staff: _____				
17. Contamination concerns fully resolved?				
18. Fill Material? Type: _____				

L. TANK REMOVAL:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
19. Tank placement area cleared, chocks placed?	✓			
20. Purged or ventilated tank to prevent explosion? Method used: Dry Ice Meter reading: 3.2 to 7.4%	✓			
21. Were chains or steel cables wrapped around tank for removal?		✓		
22. Tank removed, set on ground, blocked to prevent movement?	✓			
23. Tank set on truck and secured with straps(s)?	✓			
24. Tank labeled before leaving site?	✓			

M. SITE ASSESSMENT:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	✓			
26. Soil samples taken and analyzed?	✓			
27. Was contamination found? Date/Time: 5/30/2024	✓			
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?				✓

N. REQUIRED SIGNATURES:

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Permittee or Tank Owner: Zeke Stelzer
(***Please Print***)

Permittee or Tank Owner: DocuSigned by: Zeke Stelzer 23D54F8D635C40B... Date: 7/1/2024
(***Signature***)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Licensed Supervisor: Jonathan White
(***Please Print***)

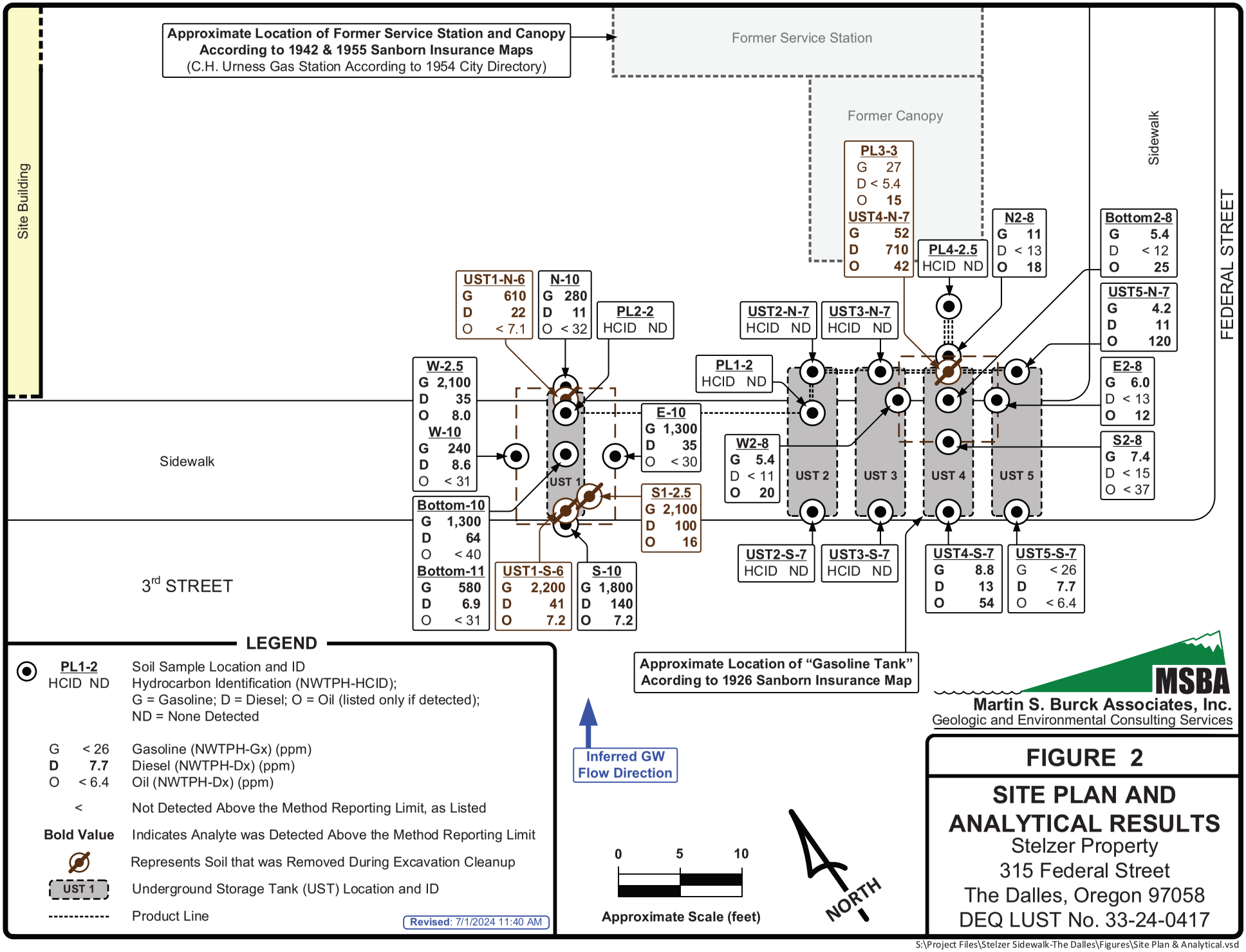
Licensed Supervisor: Jon White Date: 7/31/24
(***Signature***)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Executive Officer: Martin S. Burck
Licensed Service Provider (***Please Print***)

Executive Officer: Martin S Burck Date: 7/31/24
Licensed Service Provider (***Signature***)

Figure


Approximate Location of Former Service Station and Canopy
According to 1942 & 1955 Sanborn Insurance Maps
(C.H. Urness Gas Station According to 1954 City Directory)
Former Service Station
Former Canopy
Site Building
Sidewalk
FEDERAL STREET
Sidewalk
3rd STREET
PL3-3
G 27
D < 5.4
O 15
UST4-N-7
G 52
D 710
O 42
N2-8
G 11
D < 13
O 18
PL4-2.5
HCID ND
Bottom2-8
G 5.4
D < 12
O 25
UST5-N-7
G 4.2
D 11
O 120
E2-8
G 6.0
D < 13
O 12
S2-8
G 7.4
D < 15
O < 37
UST1-N-6
G 610
D 22
O < 7.1
N-10
G 280
D 11
O < 32
PL2-2
HCID ND
UST2-N-7
HCID ND
UST3-N-7
HCID ND
PL1-2
HCID ND
W-2.5
G 2,100
D 35
O 8.0
W-10
G 240
D 8.6
O < 31
E-10
G 1,300
D 35
O < 30
W2-8
G 5.4
D < 11
O 20
UST 1
UST 2
UST 3
UST 4
UST 5
S1-2.5
G 2,100
D 100
O 16
Bottom-10
G 1,300
D 64
O < 40
Bottom-11
G 580
D 6.9
O < 31
UST1-S-6
G 2,200
D 41
O 7.2
S-10
G 1,800
D 140
O 7.2
UST2-S-7
HCID ND
UST3-S-7
HCID ND
UST4-S-7
G 8.8
D 13
O 54
UST5-S-7
G < 26
D 7.7
O < 6.4
Approximate Location of "Gasoline Tank"
Acording to 1926 Sanborn Insurance Map
LEGEND
PL1-2
HCID ND
Soil Sample Location and ID
Hydrocarbon Identification (NWTPH-HCID);
G = Gasoline; D = Diesel; O = Oil (listed only if detected);
ND = None Detected
G < 26
D 7.7
O < 6.4
Gasoline (NWTPH-Gx) (ppm)
Diesel (NWTPH-Dx) (ppm)
Oil (NWTPH-Dx) (ppm)
<
Not Detected Above the Method Reporting Limit, as Listed
Bold Value
Indicates Analyte was Detected Above the Method Reporting Limit
Represents Soil that was Removed During Excavation Cleanup
UST 1
Underground Storage Tank (UST) Location and ID
Product Line
Revised: 7/1/2024 11:40 AM
Inferred GW
Flow Direction
0
5
10
Approximate Scale (feet)
NORTH
MSBA
Martin S. Burck Associates, Inc.
Geologic and Environmental Consulting Services
FIGURE 2
SITE PLAN AND
ANALYTICAL RESULTS
Stelzer Property
315 Federal Street
The Dalles, Oregon 97058
DEQ LUST No. 33-24-0417
S:\Project Files\Stelzer Sidewalk-The Dalles\Figures\Site Plan & Analytical.vsd

Disposal & Recycling Documentation

UST 1 Recycling Documentation

CERTIFICATE OF DESTRUCTION

Company Name: Richard Prentice JR

Address:

Date of Delivery: 5/31/24

Shipping Memo # (or Dispatch #): T#: 4054997

Description of Items:

Tank

Metro Metals NW, Inc. certifies that the described items above were (or will be) destroyed, rendering them useless for any other purpose than to recover scrap metal.

Method of Destruction: Shred

Name: Chelsea B.

Signature: Chelsea B

Date: 5.31.24

Title: Buyer

Scrap
David Berg
The Dalles OR
97058

173714

Site

CUSTOMER'S ORDER NO.	DATE
NAME David Berg	
ADDRESS 3700 West 7th	
CITY, STATE, ZIP The Dalles, OR 97058	

SOLD BY	CASH	C.O.D.	CHARGE	ON. ACCT.	MDSE. RETD.	PAID OUT

QUAN.		DESCRIPTION	AMOUNT
1		Received 2.0 (2.0)	
2		Fuel TANKS for Scrap	
3		will be taken to River	
4		Gate Scrap Portland OR	
5		on June 12, 24 to	
6		be disposed of.	
7			
8		David Berg	
9			
10		6-12-24	

PCS Disposal Documentation

Wasco County Landfill
WASCO COUNTY LANDFILL
2550 Steele Road
The Dalles, OR 97058

000002
CASH CUSTOMER - Check

Site	01
Ticket	00519162
Date In	06/11/24
Time In	09:36:42
Date Out	06/11/24
Time Out	09:54:23

SABRINA

Ref. TOM OLSON

DESCRIPTION			
Scale 3 Gross Wt.	43540LB	Vehicle WC-24-138	
Scale 7 Tare Wt.	23920LB	Roll-Off	
Net Wt.	19620LB	TON	9.81

PETR CONT SOIL - IN @ $ 40.120 per TON		393.58
SWA APPLICATION @ $ 50.000 per unit		50.00
HHW		0.00
MET1		0.00
MET2		0.00
Net Cash Amount		443.58
	Amt. Tendered	443.58
	Change	0.00
	Check # 1234	

PO #
TRAILER #
DRIVER TOM OLSON

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD CONTAINS NO HAZARDOUS WASTE. **OFFICE PH# (541)296-4082**

Signature _____

UST 4 & PCS Disposal Documentation

Wasco County Landfill
WASCO COUNTY LANDFILL
2550 Steele Road
The Dalles, OR 97058

000002
CASH CUSTOMER - Check

Site 01
Ticket 00519194
Date In 06/11/24
Time In 11:37:25
Date Out 06/11/24
Time Out 11:55:11

SABRINA
Origin WASC

Ref. TOM OLSON
Grid

DESCRIPTION			
Scale 3 Gross Wt.	51800LB	Vehicle WC-24-138	
Scale 7 Tare Wt.	23900LB	Roll-Off	
Net Wt.	27900LB	TON	13.95

PETR CONT SOIL - IN @ $ 40.120 per TON		559.67
HHW		0.00
MET1		0.00
MET2		0.00
Net Cash Amount		559.67
	Amt. Tendered	559.67
	Change	0.00
	Check # 5086	

PO #
TRAILER #
DRIVER TOM OLSON

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD CONTAINS NO HAZARDOUS WASTE. **OFFICE PH# (541)296-4082**

Signature _____

UST 5 & PCS Disposal Documentation

Wasco County Landfill
WASCO COUNTY LANDFILL
2550 Steele Road
The Dalles, OR 97058

000002
CASH CUSTOMER - Check

Site 01
Ticket 00519220
Date In 06/11/24
Time In 13:06:39
Date Out 06/11/24
Time Out 13:25:51

SABRINA
Origin WASC

Ref. TOM OLSON
Grid

DESCRIPTION			
Scale 3 Gross Wt.	50480LB	Vehicle WC-24-138	
Scale 7 Tare Wt.	23840LB	Roll-Off	
Net Wt.	26640LB	TON	13.32

PETR CONT SOIL - IN @ $ 40.120 per TON		534.40
HHW		0.00
MET1		0.00
MET2		0.00
Net Cash Amount		534.40
	Amt. Tendered	534.40
	Change	0.00
	Check # 5086	

PO #
TRAILER #
DRIVER TOM OLSON

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD CONTAINS NO HAZARDOUS WASTE. **OFFICE PH# (541)296-4082**

Signature _____

PCS Disposal Documentation

Wasco County Landfill
WASCO COUNTY LANDFILL
2550 Steele Road
The Dalles, OR 97058

000002
CASH CUSTOMER - Check

Site 01
Ticket 00519239
Date In 06/11/24
Time In 14:25:30
Date Out 06/11/24
Time Out 14:42:11

SABRINA
Origin WASC

Ref. TOM OLSON
Grid

DESCRIPTION			
Scale 3 Gross Wt.	33360LB	Vehicle WC-24-138	
Scale 7 Tare Wt.	23880LB	Roll-Off	
Net Wt.	9480LB	TON	4.74

PETR CONT SOIL - IN @ $ 40.120 per TON		190.17
HHW		0.00
MET1		0.00
MET2		0.00
Net Cash Amount		190.17
	Amt. Tendered	190.17
	Change	0.00
	Check # 5086	

PO #
TRAILER #
DRIVER TOM OLSON

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD CONTAINS NO HAZARDOUS WASTE. **OFFICE PH# (541)296-4082**

Signature _____

Product Recycling Documentation

Tom Olson Trucking

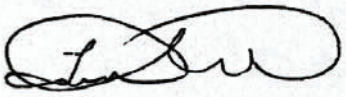
81770 Rail Hollow Rd
Dufur, Oregon 97021

July 1, 2024

To Whom it May Concern,

On May 30th, 2024, approximately 400 gallons of gasoline and diesel was removed from the underground storage tanks located at 315 Federal Street, The Dalles, Oregon. The gasoline and diesel fuel were transported to our shop located at 6088 8 Mile Road, The Dalles, Oregon where it is being stored pending future recycling at Oil-Re-Refining Company (ORRCO) in Portland, Oregon. The recycling receipts will be kept on file at our facility.

Sincerely,



Tom Olson
Tom Olson Trucking
(541) 996-1814

Laboratory Reports

Sample Date5/30-31/24 (Eurofins #J25139-1)
Sample Date 6/11/24 (Eurofins #J25335-1)

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Josh Owen
Martin S Burck Associates
200 North Wasco Ct
Hood River, Oregon 97031

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JOB DESCRIPTION

Stelzer - The Dalles

JOB NUMBER

590-25139-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

See page two for job notes and contact information.

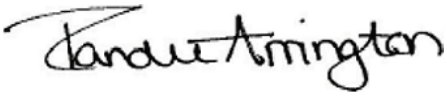
myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

Table of Contents

Job Narrative
590-25139-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 6/4/2024 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

Receipt Exceptions
A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

Gasoline Range Organics
Method NWTPH_Gx_MS: For the following samples, detected hydrocarbons in the gasoline range appear to be due to diesel overlap: UST1-N-6 (590-25139-1), UST1-S-6 (590-25139-2), UST4-N-7 (590-25139-7) and UST4-S-7 (590-25139-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hydrocarbons
Method NWTPH_Dx: Detected hydrocarbons in the diesel range appear to be due to heavily weathered gasoline and/or a heavy gas/light weight diesel component.

UST1-N-6 (590-25139-1), UST1-S-6 (590-25139-2), UST4-N-7 (590-25139-7), S1-2.5 (590-25139-11) and (590-25139-A-1-B DU)

Method NWTPH_Dx: Detected hydrocarbons appear to be due to creosote or similar product.

UST4-S-7 (590-25139-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-25139-1	UST1-N-6	Solid	05/30/24 14:02	06/04/24 10:10
590-25139-2	UST1-S-6	Solid	05/30/24 14:14	06/04/24 10:10
590-25139-3	UST2-N-7	Solid	05/30/24 16:14	06/04/24 10:10
590-25139-4	UST2-S-7	Solid	05/30/24 15:59	06/04/24 10:10
590-25139-5	UST3-N-7	Solid	05/31/24 13:41	06/04/24 10:10
590-25139-6	UST3-S-7	Solid	05/31/24 13:33	06/04/24 10:10
590-25139-7	UST4-N-7	Solid	05/31/24 15:06	06/04/24 10:10
590-25139-8	UST4-S-7	Solid	05/31/24 14:52	06/04/24 10:10
590-25139-9	UST5-N-7	Solid	05/31/24 17:02	06/04/24 10:10
590-25139-10	UST5-S-7	Solid	05/31/24 17:15	06/04/24 10:10
590-25139-11	S1-2.5	Solid	05/30/24 13:10	06/04/24 10:10
590-25139-12	PL1-2	Solid	05/31/24 08:13	06/04/24 10:10
590-25139-13	PL2-2	Solid	05/31/24 08:54	06/04/24 10:10
590-25139-14	PL3-3	Solid	05/31/24 16:41	06/04/24 10:10

Definitions/Glossary

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample ID: UST1-N-6

Date Collected: 05/30/24 14:02
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-1

Matrix: Solid
Percent Solids: 69.4

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	610		8.7	3.1	mg/Kg	☼	06/05/24 11:47	06/05/24 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*41.5 - 162*	*06/05/24 11:47*	*06/05/24 19:35*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	22		14	5.9	mg/Kg	☼	06/04/24 12:42	06/05/24 01:21	1
Residual Range Organics (RRO) (C25-C36)	ND		35	7.1	mg/Kg	☼	06/04/24 12:42	06/05/24 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*50 - 150*	*06/04/24 12:42*	*06/05/24 01:21*	*1*
n-Triacontane-d62	*93*		*50 - 150*	*06/04/24 12:42*	*06/05/24 01:21*	*1*

Client Sample ID: UST1-S-6

Date Collected: 05/30/24 14:14
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-2

Matrix: Solid
Percent Solids: 75.7

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2200		73	26	mg/Kg	☼	06/05/24 11:47	06/05/24 19:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*41.5 - 162*	*06/05/24 11:47*	*06/05/24 19:57*	*10*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	41		13	5.3	mg/Kg	☼	06/04/24 12:42	06/05/24 02:03	1
Residual Range Organics (RRO) (C25-C36)	7.2	J	32	6.4	mg/Kg	☼	06/04/24 12:42	06/05/24 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*50 - 150*	*06/04/24 12:42*	*06/05/24 02:03*	*1*
n-Triacontane-d62	*93*		*50 - 150*	*06/04/24 12:42*	*06/05/24 02:03*	*1*

Client Sample ID: UST2-N-7

Date Collected: 05/30/24 16:14
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-3

Matrix: Solid
Percent Solids: 74.3

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		33	33	mg/Kg	☼	06/04/24 14:50	06/05/24 12:33	1
Diesel Range Organics (DRO) (C10-C25)	ND		65	65	mg/Kg	☼	06/04/24 14:50	06/05/24 12:33	1
Residual Range Organics (RRO) (C25-C36)	ND		130	130	mg/Kg	☼	06/04/24 14:50	06/05/24 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*50 - 150*	*06/04/24 14:50*	*06/05/24 12:33*	*1*
n-Triacontane-d62	*87*		*50 - 150*	*06/04/24 14:50*	*06/05/24 12:33*	*1*

Client Sample ID: UST2-S-7

Lab Sample ID: 590-25139-4
Date Collected: 05/30/24 15:59
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 80.2

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		31	31	mg/Kg	☼	06/04/24 14:50	06/05/24 13:15	1
Diesel Range Organics (DRO) (C10-C25)	ND		62	62	mg/Kg	☼	06/04/24 14:50	06/05/24 13:15	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	06/04/24 14:50	06/05/24 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*50 - 150*	*06/04/24 14:50*	*06/05/24 13:15*	*1*
n-Triacontane-d62	*81*		*50 - 150*	*06/04/24 14:50*	*06/05/24 13:15*	*1*

Client Sample ID: UST3-N-7

Lab Sample ID: 590-25139-5
Date Collected: 05/31/24 13:41
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 78.0

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		31	31	mg/Kg	☼	06/04/24 14:50	06/05/24 13:36	1
Diesel Range Organics (DRO) (C10-C25)	ND		62	62	mg/Kg	☼	06/04/24 14:50	06/05/24 13:36	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	06/04/24 14:50	06/05/24 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*88*		*50 - 150*	*06/04/24 14:50*	*06/05/24 13:36*	*1*
n-Triacontane-d62	*78*		*50 - 150*	*06/04/24 14:50*	*06/05/24 13:36*	*1*

Client Sample ID: UST3-S-7

Lab Sample ID: 590-25139-6
Date Collected: 05/31/24 13:33
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 79.8

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		30	30	mg/Kg	☼	06/04/24 14:50	06/05/24 13:57	1
Diesel Range Organics (DRO) (C10-C25)	ND		60	60	mg/Kg	☼	06/04/24 14:50	06/05/24 13:57	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	06/04/24 14:50	06/05/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*06/04/24 14:50*	*06/05/24 13:57*	*1*
n-Triacontane-d62	*77*		*50 - 150*	*06/04/24 14:50*	*06/05/24 13:57*	*1*

Client Sample ID: UST4-N-7

Lab Sample ID: 590-25139-7
Date Collected: 05/31/24 15:06
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 74.7

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	52	J	75	27	mg/Kg	☼	06/05/24 11:47	06/05/24 20:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*41.5 - 162*	*06/05/24 11:47*	*06/05/24 20:19*	*10*

Client Sample ID: UST4-N-7

Lab Sample ID: 590-25139-7
Date Collected: 05/31/24 15:06
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 74.7

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	710		13	5.4	mg/Kg	☼	06/04/24 12:42	06/05/24 02:24	1
Residual Range Organics (RRO) (C25-C36)	42		32	6.4	mg/Kg	☼	06/04/24 12:42	06/05/24 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*97*		*50 - 150*	*06/04/24 12:42*	*06/05/24 02:24*	*1*
n-Triacontane-d62	*98*		*50 - 150*	*06/04/24 12:42*	*06/05/24 02:24*	*1*

Client Sample ID: UST4-S-7

Lab Sample ID: 590-25139-8
Date Collected: 05/31/24 14:52
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 74.6

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8.8		8.1	2.9	mg/Kg	☼	06/05/24 11:47	06/05/24 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*41.5 - 162*	*06/05/24 11:47*	*06/05/24 20:41*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	13		13	5.4	mg/Kg	☼	06/04/24 12:42	06/05/24 02:45	1
Residual Range Organics (RRO) (C25-C36)	54		32	6.4	mg/Kg	☼	06/04/24 12:42	06/05/24 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*50 - 150*	*06/04/24 12:42*	*06/05/24 02:45*	*1*
n-Triacontane-d62	*99*		*50 - 150*	*06/04/24 12:42*	*06/05/24 02:45*	*1*

Client Sample ID: UST5-N-7

Lab Sample ID: 590-25139-9
Date Collected: 05/31/24 17:02
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 79.4

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	4.2	J	7.4	2.7	mg/Kg	☼	06/05/24 11:47	06/07/24 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*41.5 - 162*	*06/05/24 11:47*	*06/07/24 13:16*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	11	J	12	5.2	mg/Kg	☼	06/04/24 12:42	06/05/24 03:06	1
Residual Range Organics (RRO) (C25-C36)	120		31	6.2	mg/Kg	☼	06/04/24 12:42	06/05/24 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*50 - 150*	*06/04/24 12:42*	*06/05/24 03:06*	*1*
n-Triacontane-d62	*100*		*50 - 150*	*06/04/24 12:42*	*06/05/24 03:06*	*1*

Client Sample ID: UST5-S-7

Date Collected: 05/31/24 17:15
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-10

Matrix: Solid
Percent Solids: 76.8

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		71	26	mg/Kg	☼	06/05/24 11:47	06/07/24 13:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*41.5 - 162*	*06/05/24 11:47*	*06/07/24 13:38*	*10*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**7.7**	**J**	13	5.4	mg/Kg	☼	06/04/24 12:42	06/05/24 03:28	1
Residual Range Organics (RRO) (C25-C36)	ND		32	6.4	mg/Kg	☼	06/04/24 12:42	06/05/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*50 - 150*	*06/04/24 12:42*	*06/05/24 03:28*	*1*
n-Triacontane-d62	*94*		*50 - 150*	*06/04/24 12:42*	*06/05/24 03:28*	*1*

Client Sample ID: S1-2.5

Date Collected: 05/30/24 13:10
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-11

Matrix: Solid
Percent Solids: 79.3

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**2100**		66	24	mg/Kg	☼	06/05/24 11:47	06/07/24 14:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*41.5 - 162*	*06/05/24 11:47*	*06/07/24 14:00*	*10*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	**100**		12	5.1	mg/Kg	☼	06/04/24 12:42	06/05/24 04:10	1
Residual Range Organics (RRO) (C25-C36)	**16**	**J**	31	6.1	mg/Kg	☼	06/04/24 12:42	06/05/24 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*105*		*50 - 150*	*06/04/24 12:42*	*06/05/24 04:10*	*1*
n-Triacontane-d62	*105*		*50 - 150*	*06/04/24 12:42*	*06/05/24 04:10*	*1*

Client Sample ID: PL1-2

Date Collected: 05/31/24 08:13
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-12

Matrix: Solid
Percent Solids: 82.7

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		29	29	mg/Kg	☼	06/04/24 14:50	06/05/24 14:18	1
Diesel Range Organics (DRO) (C10-C25)	ND		59	59	mg/Kg	☼	06/04/24 14:50	06/05/24 14:18	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	06/04/24 14:50	06/05/24 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*06/04/24 14:50*	*06/05/24 14:18*	*1*
n-Triacontane-d62	*79*		*50 - 150*	*06/04/24 14:50*	*06/05/24 14:18*	*1*

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Client Sample ID: PL2-2

Date Collected: 05/31/24 08:54
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-13
Matrix: Solid
Percent Solids: 82.6

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		29	29	mg/Kg	☼	06/04/24 14:50	06/05/24 14:39	1
Diesel Range Organics (DRO) (C10-C25)	ND		59	59	mg/Kg	☼	06/04/24 14:50	06/05/24 14:39	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	06/04/24 14:50	06/05/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*06/04/24 14:50*	*06/05/24 14:39*	*1*
n-Triacontane-d62	*78*		*50 - 150*	*06/04/24 14:50*	*06/05/24 14:39*	*1*

Client Sample ID: PL3-3

Date Collected: 05/31/24 16:41
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-14
Matrix: Solid
Percent Solids: 74.6

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**27**		8.2	3.0	mg/Kg	☼	06/05/24 11:47	06/07/24 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*41.5 - 162*	*06/05/24 11:47*	*06/07/24 14:22*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		13	5.4	mg/Kg	☼	06/04/24 12:43	06/05/24 04:31	1
Residual Range Organics (RRO) (C25-C36)	**15**	**J**	32	6.5	mg/Kg	☼	06/04/24 12:43	06/05/24 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*50 - 150*	*06/04/24 12:43*	*06/05/24 04:31*	*1*
n-Triacontane-d62	*96*		*50 - 150*	*06/04/24 12:43*	*06/05/24 04:31*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-47678/1-A
Matrix: Solid
Analysis Batch: 47691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0	1.8	mg/Kg		06/05/24 11:47	06/05/24 13:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*41.5 - 162*	*06/05/24 11:47*	*06/05/24 13:45*	*1*

Lab Sample ID: LCS 590-47678/3-A
Matrix: Solid
Analysis Batch: 47691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline			50.0	54.7		mg/Kg		109	74.4 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*41.5 - 162*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-47653/1-A
Matrix: Solid
Analysis Batch: 47665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10	4.2	mg/Kg		06/04/24 12:42	06/05/24 00:39	1
Residual Range Organics (RRO) (C25-C36)	ND		25	5.0	mg/Kg		06/04/24 12:42	06/05/24 00:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*91*		*50 - 150*	*06/04/24 12:42*	*06/05/24 00:39*	*1*
n-Triacontane-d62	*89*		*50 - 150*	*06/04/24 12:42*	*06/05/24 00:39*	*1*

Lab Sample ID: LCS 590-47653/2-A
Matrix: Solid
Analysis Batch: 47665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47653

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (DRO) (C10-C25)			66.7	64.0		mg/Kg		96	50 - 150		
Residual Range Organics (RRO) (C25-C36)			66.7	64.9		mg/Kg		97	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*98*		*50 - 150*
n-Triacontane-d62	*97*		*50 - 150*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 590-25139-1 DU
Matrix: Solid
Analysis Batch: 47665

Client Sample ID: UST1-N-6
Prep Type: Total/NA
Prep Batch: 47653

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	22			39.5	F3	mg/Kg	☼			57	40
Residual Range Organics (RRO) (C25-C36)	ND			ND		mg/Kg	☼			NC	40

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
o-Terphenyl	*95*		*50 - 150*
n-Triacontane-d62	*94*		*50 - 150*

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Lab Sample ID: MB 590-47662/1-A
Matrix: Solid
Analysis Batch: 47675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47662

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		25	25	mg/Kg		06/04/24 14:50	06/05/24 12:12	1
Diesel Range Organics (DRO) (C10-C25)	ND		50	50	mg/Kg		06/04/24 14:50	06/05/24 12:12	1
Residual Range Organics (RRO) (C25-C36)	ND		100	100	mg/Kg		06/04/24 14:50	06/05/24 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*50 - 150*	*06/04/24 14:50*	*06/05/24 12:12*	*1*
n-Triacontane-d62	*87*		*50 - 150*	*06/04/24 14:50*	*06/05/24 12:12*	*1*

Lab Sample ID: 590-25139-3 DU
Matrix: Solid
Analysis Batch: 47675

Client Sample ID: UST2-N-7
Prep Type: Total/NA
Prep Batch: 47662

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND			ND		mg/Kg	☼			NC	25
Diesel Range Organics (DRO) (C10-C25)	ND			ND		mg/Kg	☼			NC	25
Residual Range Organics (RRO) (C25-C36)	ND			ND		mg/Kg	☼			NC	25

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
o-Terphenyl	*89*		*50 - 150*
n-Triacontane-d62	*80*		*50 - 150*

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Client Sample ID: UST1-N-6
Lab Sample ID: 590-25139-1
Date Collected: 05/30/24 14:02
Matrix: Solid
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST1-N-6
Lab Sample ID: 590-25139-1
Date Collected: 05/30/24 14:02
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 69.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.17 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47691	06/05/24 19:35	JSP	EET SPK
Total/NA	Prep	3550C			15.33 g	5 mL	47653	06/04/24 12:42	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 01:21	NMI	EET SPK

Client Sample ID: UST1-S-6
Lab Sample ID: 590-25139-2
Date Collected: 05/30/24 14:14
Matrix: Solid
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST1-S-6
Lab Sample ID: 590-25139-2
Date Collected: 05/30/24 14:14
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.58 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		10	0.86 mL	43 mL	47691	06/05/24 19:57	JSP	EET SPK
Total/NA	Prep	3550C			15.53 g	5 mL	47653	06/04/24 12:42	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 02:03	NMI	EET SPK

Client Sample ID: UST2-N-7
Lab Sample ID: 590-25139-3
Date Collected: 05/30/24 16:14
Matrix: Solid
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST2-N-7
Lab Sample ID: 590-25139-3
Date Collected: 05/30/24 16:14
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 74.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	NWTPH-HCID			10.29 g	20 mL	47662	06/04/24 14:50	MRV	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	47675	06/05/24 12:33	NMI	EET SPK

Client Sample ID: UST2-S-7 — **Lab Sample ID: 590-25139-4**
Date Collected: 05/30/24 15:59 — **Matrix: Solid**
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST2-S-7 — **Lab Sample ID: 590-25139-4**
Date Collected: 05/30/24 15:59 — **Matrix: Solid**
Date Received: 06/04/24 10:10 — **Percent Solids: 80.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	NWTPH-HCID			10.08 g	20 mL	47662	06/04/24 14:50	MRV	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	47675	06/05/24 13:15	NMI	EET SPK

Client Sample ID: UST3-N-7 — **Lab Sample ID: 590-25139-5**
Date Collected: 05/31/24 13:41 — **Matrix: Solid**
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST3-N-7 — **Lab Sample ID: 590-25139-5**
Date Collected: 05/31/24 13:41 — **Matrix: Solid**
Date Received: 06/04/24 10:10 — **Percent Solids: 78.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	NWTPH-HCID			10.34 g	20 mL	47662	06/04/24 14:50	MRV	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	47675	06/05/24 13:36	NMI	EET SPK

Client Sample ID: UST3-S-7 — **Lab Sample ID: 590-25139-6**
Date Collected: 05/31/24 13:33 — **Matrix: Solid**
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST3-S-7 — **Lab Sample ID: 590-25139-6**
Date Collected: 05/31/24 13:33 — **Matrix: Solid**
Date Received: 06/04/24 10:10 — **Percent Solids: 79.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	NWTPH-HCID			10.40 g	20 mL	47662	06/04/24 14:50	MRV	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	47675	06/05/24 13:57	NMI	EET SPK

Client Sample ID: UST4-N-7 — **Lab Sample ID: 590-25139-7**
Date Collected: 05/31/24 15:06 — **Matrix: Solid**
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST4-N-7
Date Collected: 05/31/24 15:06
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-7
Matrix: Solid
Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.56 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		10	0.86 mL	43 mL	47691	06/05/24 20:19	JSP	EET SPK
Total/NA	Prep	3550C			15.61 g	5 mL	47653	06/04/24 12:42	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 02:24	NMI	EET SPK

Client Sample ID: UST4-S-7
Date Collected: 05/31/24 14:52
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST4-S-7
Date Collected: 05/31/24 14:52
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-8
Matrix: Solid
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.39 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47691	06/05/24 20:41	JSP	EET SPK
Total/NA	Prep	3550C			15.61 g	5 mL	47653	06/04/24 12:42	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 02:45	NMI	EET SPK

Client Sample ID: UST5-N-7
Date Collected: 05/31/24 17:02
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: UST5-N-7
Date Collected: 05/31/24 17:02
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-9
Matrix: Solid
Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.3 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47726	06/07/24 13:16	JSP	EET SPK
Total/NA	Prep	3550C			15.26 g	5 mL	47653	06/04/24 12:42	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 03:06	NMI	EET SPK

Client Sample ID: UST5-S-7
Date Collected: 05/31/24 17:15
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Client Sample ID: UST5-S-7

Lab Sample ID: 590-25139-10
Date Collected: 05/31/24 17:15
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.69 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		10	0.86 mL	43 mL	47726	06/07/24 13:38	JSP	EET SPK
Total/NA	Prep	3550C			15.15 g	5 mL	47653	06/04/24 12:42	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 03:28	NMI	EET SPK

Client Sample ID: S1-2.5

Lab Sample ID: 590-25139-11
Date Collected: 05/30/24 13:10
Matrix: Solid
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: S1-2.5

Lab Sample ID: 590-25139-11
Date Collected: 05/30/24 13:10
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.97 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		10	0.86 mL	43 mL	47726	06/07/24 14:00	JSP	EET SPK
Total/NA	Prep	3550C			15.41 g	5 mL	47653	06/04/24 12:42	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 04:10	NMI	EET SPK

Client Sample ID: PL1-2

Lab Sample ID: 590-25139-12
Date Collected: 05/31/24 08:13
Matrix: Solid
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: PL1-2

Lab Sample ID: 590-25139-12
Date Collected: 05/31/24 08:13
Matrix: Solid
Date Received: 06/04/24 10:10
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	NWTPH-HCID			10.33 g	20 mL	47662	06/04/24 14:50	MRV	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	47675	06/05/24 14:18	NMI	EET SPK

Client Sample ID: PL2-2

Lab Sample ID: 590-25139-13
Date Collected: 05/31/24 08:54
Matrix: Solid
Date Received: 06/04/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:48	MRV	EET SPK

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Client Sample ID: PL2-2
Date Collected: 05/31/24 08:54
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-13
Matrix: Solid
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	NWTPH-HCID			10.33 g	20 mL	47662	06/04/24 14:50	MRV	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	47675	06/05/24 14:39	NMI	EET SPK

Client Sample ID: PL3-3
Date Collected: 05/31/24 16:41
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47654	06/04/24 12:46	MRV	EET SPK

Client Sample ID: PL3-3
Date Collected: 05/31/24 16:41
Date Received: 06/04/24 10:10

Lab Sample ID: 590-25139-14
Matrix: Solid
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.27 g	10 mL	47678	06/05/24 11:47	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47726	06/07/24 14:22	JSP	EET SPK
Total/NA	Prep	3550C			15.53 g	5 mL	47653	06/04/24 12:43	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47665	06/05/24 04:31	NMI	EET SPK

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Laboratory: Eurofins Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4137	12-08-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Martin S Burck Associates
Project/Site: Stelzer - The Dalles

Job ID: 590-25139-1

Method	Method Description	Protocol	Laboratory
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SPK
NWTPH-HCID	Northwest - Hydrocarbon Identification (GC)	NWTPH	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK
5035	Closed System Purge and Trap	SW846	EET SPK
NWTPH-HCID	Solvent Extraction	NWTPH	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Phone: 509-924-9200 Fax: 509-924-9290

Chain of Custody Record

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Client Information	Sampler: Jon White	Lab PM: Arrington, Randee E	Carrier Tracking No(s):	COC No: 590-10152-2869.1
Client Contact: Jonathon White	Phone: 541.387 4422	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Martin S Burck Associates	PWSID:			Job #:
Address: 200 North Wasco Ct	Due Date Requested: 6/6/24			
City: Hood River	TAT Requested (days): 2-Day TAT			
State, Zip: OR, 97031	Compliance Project: Δ Yes Δ No			
Phone: 541-387-4422(Tel)	PO #: Purchase Order not required			
Email: jwhite@msbaenvironmental.com	WO #:			
Project Name: Stelzer-The Dalles	Project #: 59002682			
Site: 315 Federal st-The Dalles	SSOW#:			

Analysis Requested

Preservation Codes: N None; F MeOH; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 8270E_SIM, NWTPH_Dx	8260D, NWTPH_Gx_MS	8260D Standard Analyte List	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	F					
UST1-N-6	5/30/24	14:02	G	Solid							X	X		
UST1-S-6	5/30/24	14:14	G	Solid							X	X		
UST2-N-7	5/30/24	16:14	G	Solid						X				
UST2-S-7	5/30/24	15:59	G	Solid						X				
UST3-N-7	5/31/24	13:41	G	Solid						X				
UST3-S-7	5/31/24	13:33	G	Solid						X				
UST4-N-7	5/31/24	15:06	G	Solid							X	X		
UST4-S-7	5/31/24	14:52	G	Solid							X	X		
UST5-N-7	5/31/24	17:02	G	Solid							X	X		
UST5-S-7	5/31/24	17:15	G	Solid							X	X		
S1-2.5	5/30/24	13.10	G	Solid							X	X		

590-25139 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jon White	6/3/24 - 13 00	MSBA			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 6/4/24 10:10	Company EETSPO

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.8, corr IR code

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Phone: 509-924-9200 Fax: 509-924-9290

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jon White	Lab PM: Arrington, Randee E	Carrier Tracking No(s):	COC No: 590-10152-2869.2
Client Contact: Jonathon White	Phone: 541 387.4422	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Martin S Burck Associates	PWSID:	Analysis Requested		Job #:
Address: 200 North Wasco Ct	Due Date Requested: 6/6/24			Preservation Codes: N None, F MeOH
City: Hood River	TAT Requested (days): 2-Day TAT			
State, Zip: OR, 97031	Compliance Project: Δ Yes Δ No			
Phone: 541-387-4422(Tel)	PO #: Purchase Order not required			
Email: jwhite@msbaenvironmental.com	WO #:			
Project Name: Stelzer - The Dalles	Project #: 59002682			
Site: 315 Federal St. - The Dalles	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 8270E_SIM, NWTPH_Dx	8260D, NWTPH_Gx_MS	8260D Standard Analyte List	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	Plat	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	F	F						
PL1-2	5/31/24	08:13	G	Solid						X					
PL2-2	5/31/24	08:54	G	Solid						X					
PL3-3	5/31/24	16:41	G	Solid							X	X			
SP1	5/31/24	14:39	G	Solid									X		
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Jon White	Date/Time: 6/3/24 - 1300	Company: MSBA	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 6/4/24 10:10	Company: EET SPO

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.8 corr IR001 6

Login Sample Receipt Checklist

Client: Martin S Burck Associates

Job Number: 590-25139-1

Login Number: 25139
List Number: 1
Creator: Morris, Mackenzie 1

List Source: Eurofins Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Josh Owen
Martin S Burck Associates
200 North Wasco Ct
Hood River, Oregon 97031

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JOB DESCRIPTION

Stelzer-The Dalles

JOB NUMBER

590-25335-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

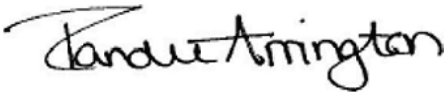
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

Table of Contents

Job Narrative
590-25335-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 6/13/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C.

Gasoline Range Organics
Method NWTPH_Gx_MS: For the following samples, detected hydrocarbons in the gasoline range appear to be due to diesel overlap: N-10 (590-25335-1), W-10 (590-25335-5), Bottom-10 (590-25335-6), Bottom-11 (590-25335-7), N2-8 (590-25335-8), E2-8 (590-25335-9), S2-8 (590-25335-10), W2-8 (590-25335-11) and Bottom2-8 (590-25335-12).

Method NWTPH_Gx_MS: The method blank for preparation batch 590-47935 and analytical batch 590-47939 contained Gasoline above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method NWTPH_Gx_MS: For the following samples, detected hydrocarbons in the gasoline range appear to be due to diesel overlap: E-10 (590-25335-2), S-10 (590-25335-3) and W-2.5 (590-25335-4).

Method NWTPH_Gx_MS: The continuing calibration verification (CCV) associated with batch 590-47939 recovered above the upper control limit for Gasoline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hydrocarbons
Method NWTPH_Dx: Detected hydrocarbons in the diesel range appear to be due to a heavy gas/light diesel range component.

N-10 (590-25335-1), E-10 (590-25335-2), S-10 (590-25335-3), W-2.5 (590-25335-4), W-10 (590-25335-5), Bottom-10 (590-25335-6) and Bottom-11 (590-25335-7)

Method NWTPH_Dx: Surrogate recovery for the following samples were outside control limits: (590-25215-A-2-C) and (590-25215-A-2-D DU). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Martin S Burck Associates
Project/Site: Stelzer-The Dalles

Job ID: 590-25335-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-25335-1	N-10	Solid	06/11/24 13:18	06/13/24 10:00
590-25335-2	E-10	Solid	06/11/24 13:31	06/13/24 10:00
590-25335-3	S-10	Solid	06/11/24 13:25	06/13/24 10:00
590-25335-4	W-2.5	Solid	06/11/24 13:51	06/13/24 10:00
590-25335-5	W-10	Solid	06/11/24 13:40	06/13/24 10:00
590-25335-6	Bottom-10	Solid	06/11/24 12:55	06/13/24 10:00
590-25335-7	Bottom-11	Solid	06/11/24 13:12	06/13/24 10:00
590-25335-8	N2-8	Solid	06/11/24 14:31	06/13/24 10:00
590-25335-9	E2-8	Solid	06/11/24 14:46	06/13/24 10:00
590-25335-10	S2-8	Solid	06/11/24 14:39	06/13/24 10:00
590-25335-11	W2-8	Solid	06/11/24 14:54	06/13/24 10:00
590-25335-12	Bottom2-8	Solid	06/11/24 15:02	06/13/24 10:00
590-25335-13	PL4-2.5	Solid	06/11/24 16:03	06/13/24 10:00

Definitions/Glossary

Client: Martin S Burck Associates
Job ID: 590-25335-1
Project/Site: Stelzer-The Dalles

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample ID: N-10

Lab Sample ID: 590-25335-1

Date Collected: 06/11/24 13:18
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 77.1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	280	B	8.3	3.0	mg/Kg	☼	06/18/24 11:44	06/18/24 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 17:02*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	11	J	13	5.3	mg/Kg	☼	06/14/24 07:31	06/15/24 00:18	1
Residual Range Organics (RRO) (C25-C36)	ND		32	6.3	mg/Kg	☼	06/14/24 07:31	06/15/24 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*06/14/24 07:31*	*06/15/24 00:18*	*1*
n-Triacontane-d62	*91*		*50 - 150*	*06/14/24 07:31*	*06/15/24 00:18*	*1*

Client Sample ID: E-10

Lab Sample ID: 590-25335-2

Date Collected: 06/11/24 13:31
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 77.4

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1300		93	33	mg/Kg	☼	06/18/24 11:44	06/19/24 14:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*41.5 - 162*	*06/18/24 11:44*	*06/19/24 14:07*	*10*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	35		12	5.1	mg/Kg	☼	06/14/24 07:31	06/15/24 00:39	1
Residual Range Organics (RRO) (C25-C36)	ND		30	6.1	mg/Kg	☼	06/14/24 07:31	06/15/24 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*06/14/24 07:31*	*06/15/24 00:39*	*1*
n-Triacontane-d62	*95*		*50 - 150*	*06/14/24 07:31*	*06/15/24 00:39*	*1*

Client Sample ID: S-10

Lab Sample ID: 590-25335-3

Date Collected: 06/11/24 13:25
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 73.5

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1800		99	36	mg/Kg	☼	06/18/24 11:44	06/19/24 14:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*41.5 - 162*	*06/18/24 11:44*	*06/19/24 14:28*	*10*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	140		13	5.6	mg/Kg	☼	06/14/24 07:31	06/15/24 01:01	1

Client Sample ID: S-10

Lab Sample ID: 590-25335-3

Date Collected: 06/11/24 13:25
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 73.5

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Residual Range Organics (RRO) (C25-C36)	7.2	J	33	6.6	mg/Kg	☼	06/14/24 07:31	06/15/24 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*06/14/24 07:31*	*06/15/24 01:01*	*1*
n-Triacontane-d62	*95*		*50 - 150*	*06/14/24 07:31*	*06/15/24 01:01*	*1*

Client Sample ID: W-2.5

Lab Sample ID: 590-25335-4

Date Collected: 06/11/24 13:51
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 77.7

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2100		76	27	mg/Kg	☼	06/18/24 11:44	06/19/24 14:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*41.5 - 162*	*06/18/24 11:44*	*06/19/24 14:51*	*10*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	35		13	5.3	mg/Kg	☼	06/14/24 07:31	06/15/24 01:45	1
Residual Range Organics (RRO) (C25-C36)	8.0	J	32	6.3	mg/Kg	☼	06/14/24 07:31	06/15/24 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*06/14/24 07:31*	*06/15/24 01:45*	*1*
n-Triacontane-d62	*96*		*50 - 150*	*06/14/24 07:31*	*06/15/24 01:45*	*1*

Client Sample ID: W-10

Lab Sample ID: 590-25335-5

Date Collected: 06/11/24 13:40
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 79.2

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	240	B	8.6	3.1	mg/Kg	☼	06/18/24 11:44	06/18/24 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 18:47*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	8.6	J	12	5.2	mg/Kg	☼	06/14/24 07:31	06/15/24 02:07	1
Residual Range Organics (RRO) (C25-C36)	ND		31	6.2	mg/Kg	☼	06/14/24 07:31	06/15/24 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*50 - 150*	*06/14/24 07:31*	*06/15/24 02:07*	*1*
n-Triacontane-d62	*100*		*50 - 150*	*06/14/24 07:31*	*06/15/24 02:07*	*1*

Client Sample ID: Bottom-10

Lab Sample ID: 590-25335-6

Date Collected: 06/11/24 12:55
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 60.0

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1300	B	13	4.7	mg/Kg	☼	06/18/24 11:44	06/18/24 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 19:09*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	64		16	6.8	mg/Kg	☼	06/14/24 07:31	06/15/24 02:29	1
Residual Range Organics (RRO) (C25-C36)	ND		40	8.1	mg/Kg	☼	06/14/24 07:31	06/15/24 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*06/14/24 07:31*	*06/15/24 02:29*	*1*
n-Triacontane-d62	*95*		*50 - 150*	*06/14/24 07:31*	*06/15/24 02:29*	*1*

Client Sample ID: Bottom-11

Lab Sample ID: 590-25335-7

Date Collected: 06/11/24 13:12
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 79.5

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	580	B	8.2	2.9	mg/Kg	☼	06/18/24 11:44	06/18/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 19:30*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	6.9	J	13	5.2	mg/Kg	☼	06/14/24 07:31	06/15/24 02:51	1
Residual Range Organics (RRO) (C25-C36)	ND		31	6.3	mg/Kg	☼	06/14/24 07:31	06/15/24 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*06/14/24 07:31*	*06/15/24 02:51*	*1*
n-Triacontane-d62	*91*		*50 - 150*	*06/14/24 07:31*	*06/15/24 02:51*	*1*

Client Sample ID: N2-8

Lab Sample ID: 590-25335-8

Date Collected: 06/11/24 14:31
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 73.5

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	11	B	11	4.1	mg/Kg	☼	06/18/24 11:44	06/18/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 19:52*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		13	5.6	mg/Kg	☼	06/14/24 07:31	06/15/24 03:13	1

Client Sample ID: N2-8

Lab Sample ID: 590-25335-8

Date Collected: 06/11/24 14:31
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 73.5

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Residual Range Organics (RRO) (C25-C36)	18	J	33	6.7	mg/Kg	☼	06/14/24 07:31	06/15/24 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*50 - 150*	*06/14/24 07:31*	*06/15/24 03:13*	*1*
n-Triacontane-d62	*88*		*50 - 150*	*06/14/24 07:31*	*06/15/24 03:13*	*1*

Client Sample ID: E2-8

Lab Sample ID: 590-25335-9

Date Collected: 06/11/24 14:46
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 76.9

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6.0	J B	9.0	3.2	mg/Kg	☼	06/18/24 11:44	06/18/24 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 20:13*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		13	5.3	mg/Kg	☼	06/14/24 07:31	06/15/24 03:35	1
Residual Range Organics (RRO) (C25-C36)	12	J	32	6.3	mg/Kg	☼	06/14/24 07:31	06/15/24 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*91*		*50 - 150*	*06/14/24 07:31*	*06/15/24 03:35*	*1*
n-Triacontane-d62	*96*		*50 - 150*	*06/14/24 07:31*	*06/15/24 03:35*	*1*

Client Sample ID: S2-8

Lab Sample ID: 590-25335-10

Date Collected: 06/11/24 14:39
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 67.2

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7.4	J B	9.9	3.6	mg/Kg	☼	06/18/24 11:44	06/18/24 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 20:56*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		15	6.2	mg/Kg	☼	06/14/24 07:31	06/15/24 03:56	1
Residual Range Organics (RRO) (C25-C36)	ND		37	7.4	mg/Kg	☼	06/14/24 07:31	06/15/24 03:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*82*		*50 - 150*	*06/14/24 07:31*	*06/15/24 03:56*	*1*
n-Triacontane-d62	*89*		*50 - 150*	*06/14/24 07:31*	*06/15/24 03:56*	*1*

Client Sample ID: W2-8

Lab Sample ID: 590-25335-11

Date Collected: 06/11/24 14:54
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 85.0

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5.4	J B	7.7	2.8	mg/Kg	☼	06/18/24 11:44	06/18/24 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 21:18*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		11	4.8	mg/Kg	☼	06/14/24 07:31	06/15/24 04:18	1
Residual Range Organics (RRO) (C25-C36)	20	J	28	5.7	mg/Kg	☼	06/14/24 07:31	06/15/24 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*50 - 150*	*06/14/24 07:31*	*06/15/24 04:18*	*1*
n-Triacontane-d62	*87*		*50 - 150*	*06/14/24 07:31*	*06/15/24 04:18*	*1*

Client Sample ID: Bottom2-8

Lab Sample ID: 590-25335-12

Date Collected: 06/11/24 15:02
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 80.3

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5.4	J B	8.2	2.9	mg/Kg	☼	06/18/24 11:44	06/18/24 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 21:39*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		12	5.0	mg/Kg	☼	06/14/24 07:31	06/15/24 04:40	1
Residual Range Organics (RRO) (C25-C36)	25	J	30	6.0	mg/Kg	☼	06/14/24 07:31	06/15/24 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*06/14/24 07:31*	*06/15/24 04:40*	*1*
n-Triacontane-d62	*92*		*50 - 150*	*06/14/24 07:31*	*06/15/24 04:40*	*1*

Client Sample ID: PL4-2.5

Lab Sample ID: 590-25335-13

Date Collected: 06/11/24 16:03
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 83.3

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		29	29	mg/Kg	☼	06/17/24 07:28	06/17/24 12:06	1
Diesel Range Organics (DRO) (C10-C25)	ND		59	59	mg/Kg	☼	06/17/24 07:28	06/17/24 12:06	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	06/17/24 07:28	06/17/24 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*50 - 150*	*06/17/24 07:28*	*06/17/24 12:06*	*1*
n-Triacontane-d62	*94*		*50 - 150*	*06/17/24 07:28*	*06/17/24 12:06*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-47935/1-A
Matrix: Solid
Analysis Batch: 47939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.66	J	5.0	1.8	mg/Kg		06/18/24 11:44	06/18/24 13:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*41.5 - 162*	*06/18/24 11:44*	*06/18/24 13:52*	*1*

Lab Sample ID: LCS 590-47935/3-A
Matrix: Solid
Analysis Batch: 47967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47935

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline			50.0	59.1		mg/Kg		118	74.4 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*41.5 - 162*

Lab Sample ID: 590-25335-1 DU
Matrix: Solid
Analysis Batch: 47939

Client Sample ID: N-10
Prep Type: Total/NA
Prep Batch: 47935

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline	280	B		252		mg/Kg	☼			9	32.3

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*41.5 - 162*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-47878/1-A
Matrix: Solid
Analysis Batch: 47893

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10	4.2	mg/Kg		06/14/24 07:31	06/14/24 19:54	1
Residual Range Organics (RRO) (C25-C36)	ND		25	5.0	mg/Kg		06/14/24 07:31	06/14/24 19:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*91*		*50 - 150*	*06/14/24 07:31*	*06/14/24 19:54*	*1*
n-Triacontane-d62	*88*		*50 - 150*	*06/14/24 07:31*	*06/14/24 19:54*	*1*

Lab Sample ID: LCS 590-47878/2-A
Matrix: Solid
Analysis Batch: 47893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47878

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (DRO) (C10-C25)			66.7	66.7		mg/Kg		100	50 - 150		

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCS 590-47878/2-A
Matrix: Solid
Analysis Batch: 47893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Residual Range Organics (RRO) (C25-C36)	66.7	70.9		mg/Kg		106	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*95*		*50 - 150*
n-Triacontane-d62	*96*		*50 - 150*

Lab Sample ID: 590-25215-A-2-D DU
Matrix: Solid
Analysis Batch: 47893

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 47878

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	120		173		mg/Kg	☼	34	40
Residual Range Organics (RRO) (C25-C36)	1000		1340		mg/Kg	☼	28	40

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
o-Terphenyl	*99*		*50 - 150*
n-Triacontane-d62	*201*	*S1+*	*50 - 150*

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC)

Lab Sample ID: MB 590-47905/1-A
Matrix: Solid
Analysis Batch: 47910

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47905

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		25	25	mg/Kg		06/17/24 07:28	06/17/24 11:45	1
Diesel Range Organics (DRO) (C10-C25)	ND		50	50	mg/Kg		06/17/24 07:28	06/17/24 11:45	1
Residual Range Organics (RRO) (C25-C36)	ND		100	100	mg/Kg		06/17/24 07:28	06/17/24 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*99*		*50 - 150*	*06/17/24 07:28*	*06/17/24 11:45*	*1*
n-Triacontane-d62	*90*		*50 - 150*	*06/17/24 07:28*	*06/17/24 11:45*	*1*

Lab Sample ID: 590-25335-13 DU
Matrix: Solid
Analysis Batch: 47910

Client Sample ID: PL4-2.5
Prep Type: Total/NA
Prep Batch: 47905

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		ND		mg/Kg	☼	NC	25
Diesel Range Organics (DRO) (C10-C25)	ND		ND		mg/Kg	☼	NC	25
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	☼	NC	25

Method: NWTPH-HCID - Northwest - Hydrocarbon Identification (GC) (Continued)

Lab Sample ID: 590-25335-13 DU
Matrix: Solid
Analysis Batch: 47910

Client Sample ID: PL4-2.5
Prep Type: Total/NA
Prep Batch: 47905

Surrogate	DU %Recovery	DU Qualifier	Limits
o-Terphenyl	*96*		*50 - 150*
n-Triacontane-d62	*92*		*50 - 150*

Client Sample ID: N-10
Date Collected: 06/11/24 13:18
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: N-10
Date Collected: 06/11/24 13:18
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-1
Matrix: Solid
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.569 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 17:02	JSP	EET SPK
Total/NA	Prep	3550C			15.35 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 00:18	NMI	EET SPK

Client Sample ID: E-10
Date Collected: 06/11/24 13:31
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: E-10
Date Collected: 06/11/24 13:31
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-2
Matrix: Solid
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.248 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		10	0.86 mL	43 mL	47967	06/19/24 14:07	JSP	EET SPK
Total/NA	Prep	3550C			15.89 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 00:39	NMI	EET SPK

Client Sample ID: S-10
Date Collected: 06/11/24 13:25
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: S-10
Date Collected: 06/11/24 13:25
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-3
Matrix: Solid
Percent Solids: 73.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.422 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		10	0.86 mL	43 mL	47967	06/19/24 14:28	JSP	EET SPK
Total/NA	Prep	3550C			15.37 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 01:01	NMI	EET SPK

Client Sample ID: W-2.5
Lab Sample ID: 590-25335-4
Date Collected: 06/11/24 13:51
Matrix: Solid
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: W-2.5
Lab Sample ID: 590-25335-4
Date Collected: 06/11/24 13:51
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.417 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		10	0.86 mL	43 mL	47967	06/19/24 14:51	JSP	EET SPK
Total/NA	Prep	3550C			15.24 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 01:45	NMI	EET SPK

Client Sample ID: W-10
Lab Sample ID: 590-25335-5
Date Collected: 06/11/24 13:40
Matrix: Solid
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: W-10
Lab Sample ID: 590-25335-5
Date Collected: 06/11/24 13:40
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.681 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 18:47	JSP	EET SPK
Total/NA	Prep	3550C			15.18 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 02:07	NMI	EET SPK

Client Sample ID: Bottom-10
Lab Sample ID: 590-25335-6
Date Collected: 06/11/24 12:55
Matrix: Solid
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: Bottom-10
Lab Sample ID: 590-25335-6
Date Collected: 06/11/24 12:55
Matrix: Solid
Date Received: 06/13/24 10:00
Percent Solids: 60.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.675 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 19:09	JSP	EET SPK
Total/NA	Prep	3550C			15.51 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 02:29	NMI	EET SPK

Client Sample ID: Bottom-11 — **Lab Sample ID: 590-25335-7**
Date Collected: 06/11/24 13:12 — **Matrix: Solid**
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: Bottom-11 — **Lab Sample ID: 590-25335-7**
Date Collected: 06/11/24 13:12 — **Matrix: Solid**
Date Received: 06/13/24 10:00 — **Percent Solids: 79.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.127 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 19:30	JSP	EET SPK
Total/NA	Prep	3550C			15.07 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 02:51	NMI	EET SPK

Client Sample ID: N2-8 — **Lab Sample ID: 590-25335-8**
Date Collected: 06/11/24 14:31 — **Matrix: Solid**
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: N2-8 — **Lab Sample ID: 590-25335-8**
Date Collected: 06/11/24 14:31 — **Matrix: Solid**
Date Received: 06/13/24 10:00 — **Percent Solids: 73.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.164 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 19:52	JSP	EET SPK
Total/NA	Prep	3550C			15.27 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 03:13	NMI	EET SPK

Client Sample ID: E2-8 — **Lab Sample ID: 590-25335-9**
Date Collected: 06/11/24 14:46 — **Matrix: Solid**
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: E2-8 — **Lab Sample ID: 590-25335-9**
Date Collected: 06/11/24 14:46 — **Matrix: Solid**
Date Received: 06/13/24 10:00 — **Percent Solids: 76.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.653 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 20:13	JSP	EET SPK
Total/NA	Prep	3550C			15.44 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 03:35	NMI	EET SPK

Client Sample ID: S2-8 — **Lab Sample ID: 590-25335-10**
Date Collected: 06/11/24 14:39 — **Matrix: Solid**
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: S2-8 — **Lab Sample ID: 590-25335-10**
Date Collected: 06/11/24 14:39 — **Matrix: Solid**
Date Received: 06/13/24 10:00 — **Percent Solids: 67.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.992 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 20:56	JSP	EET SPK
Total/NA	Prep	3550C			15.08 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 03:56	NMI	EET SPK

Client Sample ID: W2-8 — **Lab Sample ID: 590-25335-11**
Date Collected: 06/11/24 14:54 — **Matrix: Solid**
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: W2-8 — **Lab Sample ID: 590-25335-11**
Date Collected: 06/11/24 14:54 — **Matrix: Solid**
Date Received: 06/13/24 10:00 — **Percent Solids: 85.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.633 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 21:18	JSP	EET SPK
Total/NA	Prep	3550C			15.51 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 04:18	NMI	EET SPK

Client Sample ID: Bottom2-8 — **Lab Sample ID: 590-25335-12**
Date Collected: 06/11/24 15:02 — **Matrix: Solid**
Date Received: 06/13/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: Bottom2-8 — **Lab Sample ID: 590-25335-12**
Date Collected: 06/11/24 15:02 — **Matrix: Solid**
Date Received: 06/13/24 10:00 — **Percent Solids: 80.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.951 g	10 mL	47935	06/18/24 11:44	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	47939	06/18/24 21:39	JSP	EET SPK
Total/NA	Prep	3550C			15.51 g	5 mL	47878	06/14/24 07:31	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47893	06/15/24 04:40	NMI	EET SPK

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Stelzer-The Dalles

Job ID: 590-25335-1

Client Sample ID: PL4-2.5
Date Collected: 06/11/24 16:03
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			47879	06/14/24 08:53	MRV	EET SPK

Client Sample ID: PL4-2.5
Date Collected: 06/11/24 16:03
Date Received: 06/13/24 10:00

Lab Sample ID: 590-25335-13
Matrix: Solid
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	NWTPH-HCID			10.18 g	20 mL	47905	06/17/24 07:28	MRV	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	47910	06/17/24 12:06	NMI	EET SPK

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Martin S Burck Associates
Project/Site: Stelzer-The Dalles

Job ID: 590-25335-1

Laboratory: Eurofins Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4137	12-08-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Martin S Burck Associates
Project/Site: Stelzer-The Dalles

Job ID: 590-25335-1

Method	Method Description	Protocol	Laboratory
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SPK
NWTPH-HCID	Northwest - Hydrocarbon Identification (GC)	NWTPH	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK
5035	Closed System Purge and Trap	SW846	EET SPK
NWTPH-HCID	Solvent Extraction	NWTPH	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins Spokane
11922 E 1st Avenue

Spokane, WA 99206-5302
phone 509.924.9200 fax 509.924.9290

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☑ Other: Oregon DEQ

Eurofins Environment Testing America

Client Contact	Project Manager: Josh Owen	Site Contact: Zeke Stelzer	Date: 6/12/24	COC No: 1 of 2 COCs
Martin S. Burck Associates	Email: jowen@msbaenvironmental.com	Lab Contact: Randee Ingram	Carrier: Fed Ex	TALS Project #:
200 N Wasco Ct	Tel/Fax: 541 387 4422			Sampler:
Hood River, OR 97031	Analysis Turnaround Time			For Lab Use Only:
Phone 541.387.4422	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
FAX: 541.387.4813	TAT if different from Below: Rush			Lab Sampling:
Project Name: Stelzer - The Dalles	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day: 5 day			Job / SDG No.:
Site: 313 Federal St - The Dalles				
PO# Stelzer - TD				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8260 - RBOM VOCs	8270 SIM PAHs	Total Lead	Sample Specific Notes:
N-10	6/11/24	1318	Grab	S	3			✓	✓					
E-10	6/11/24	1331	Grab	S	3			✓	✓					
S-10	6/11/24	1325	Grab	S	3			✓	✓					
W-2.5	6/11/24	1351	Grab	S	3			✓	✓					
W-10	6/11/24	1340	Grab	S	3			✓	✓					
Bottom-10	6/11/24	1255	Grab	S	3			✓	✓					
Bottom-11	6/11/24	1312	Grab	S	3			✓	✓					
N2-8	6/11/24	1431	Grab	S	3			✓	✓					
E2-8	6/11/24	1446	Grab	S	3			✓	✓					
S2-8	6/11/24	1439	Grab	S	3			✓	✓					
W2-8	6/11/24	1454	Grab	S	3			✓	✓					
Bottom2-8	6/11/24	1502	Grab	S	3			✓	✓					

590-25335 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:
Rush analysis. Turn around time will be emailed to lab Project Manager.

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd: 5.6 Corr'd: 5.6	Therm ID No.: D005
Relinquished by:	Company: MSBA	Date/Time: 6/12/24 13:00	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: EET SPO	Date/Time: 6/13/24 10:00

Eurofins Spokane
11922 E 1st Avenue

Spokane, WA 99206-5302
phone 509.924.9200 fax 509.924.9290

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☑ Other: OR DEQ

Eurofins Environment Testing America

Client Contact	Project Manager: Josh Owen	Site Contact: Blake Stelzer	Date: 6/12/24	COC No: 2 of 2 COCs
Martin S. Burck Associates	Email: jowen@mbaenvironmental.com	Lab Contact: Rondee Arnoldy	Carrier: Fed Ex	TALS Project #:
200 N Wasco Ct	Tel/Fax:			Sampler:
Hood River, OR 97031	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk-in Client / Lab Sampling:
Phone . 541.387.4422	TAT if different from Below: ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
FAX: 541.387.4813				
Project Name: Stelzer - The Dalles				
Site: 315 Federal St - The Dalles				Job / SDG No.:
PO# Stelzer - TD				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	NWTPH-GX	NWTPH-DX	NWTPH-HCID	Sample Specific Notes:
PL4-2.5	6/11/24	1603	Grab	S	3					X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd: 5.0 Corr'd: 5.6	Therm ID No.: IR005
Relinquished by: Jon White	Company: MSBA	Date/Time: 6/12/24 13:00	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: EEC SPO	Date/Time: 6/13/24 10:00

Login Sample Receipt Checklist

Client: Martin S Burck Associates

Job Number: 590-25335-1

Login Number: 25335

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Initial (20-Day) Report

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

Initial (Twenty Day) Report Form for UST Cleanup Projects

This report is due twenty (20) days from the date of the release.

DEQ LUST File No. 33-24-0417

DEQ Facility ID No. _____

Site Name: 315 Federal Street

Site Address: 315 Federal Street, The Dalles, OR 97058

INITIAL CLEANUP INFORMATION

(1) Type of contamination (check √ all that apply):

☑ Gasoline ☑ Diesel ☐ Waste Oil ☐ Heating Oil

☐ Other (specify) _____

(2) Estimate quantity of release (based on information known to date – ● select only one):

○ <100 gal. ◉ 100-499 gal. ○ 500-999 gal. ○ 1,000-5,000 gal. ○ >5,000 gal.

SITE INFORMATION (check √ yes or √ no)

(3) ☐ Y ☑ N Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: _____

(4) ☐ Y ☐ N Was a sheen or odor observed on any water in the excavation?

Note: If groundwater is encountered, soil samples from the soil/water interface must be collected and analyzed for BTEX and by the appropriate TPH method.

At sites where diesel or other non-gasoline products have been released, the water may also have to be screened or tested for polynuclear aromatic hydrocarbons (PAHs). *Please refer to OAR 340-122-0218.*

(5) ☐ Y ☑ N Was water pumped from the excavation?

☐ Y ☐ N If yes, did groundwater recharge within 24 hours after pumping?

Please describe the pumping procedure and disposal option selected for the purged excavation water:

(6) ☐ Y ☑ N Were any water samples collected from the excavation? If yes, please describe:

(7) ☑ Y ☐ N Have any soil and/or water sample results been received at this time?

If so, please attach any lab reports.

IF GROUNDWATER HAS BEEN ENCOUNTERED, PLEASE ANSWER QUESTIONS #8-13, BELOW.
IF NO WATER HAS BEEN ENCOUNTERED, PLEASE SKIP TO QUESTION #14

(8) What are the known uses of groundwater within a 500-foot radius of the release site (check √ all that apply)?

☐ non-use ☐ industrial ☐ agricultural ☐ drinking supply

(9) If groundwater in this area is being used as a drinking water supply, please check √ the type and size of population served by the supply:

☐ Community (community well used for drinking water year round – ● select only one)

size: ◯ <1,000 people ◯ 1,000 - 5,000 people ◯ >5,000 people

☐ Intermittent use (public water used for drinking water only on a part-time basis – ● select only one)

size: ◯ <50 people ◯ 50 - 300 people ◯ > 300 people

☐ Private wells (individual private well or wells used for drinking water – ● select only one)

size: ◯ <10 people ◯ 10 - 25 people ◯ >25 people

(10) ☐ **Y** ☐ **N** Is there any evidence this water supply has been or is likely to be impacted from the petroleum product release? If yes, estimate how difficult it would be to replace the existing supply:

☐ bottled water is the only alternative

☐ on-site water treatment; bulk water delivery; new wells are available

☐ able to connect to existing water supply

☐ do not know what alternatives would be available

(11) ☐ **Y** ☐ **N** Are/were vapors present in on-site or nearby buildings? If yes:

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain: _____

B. Estimate the number of people potentially affected by vapors – ● select only one:

◯ 1-2 people ◯ 3-10 people ◯ >10 people

(12) ☐ **Y** ☐ **N** Are vapors or is petroleum contamination present in the utility corridors?

If yes, please explain: _____

(13) ☐ **Y** ☐ **N** Are natural areas located within 1/4 mile of the site? If so, please describe types (parks, rivers, wetlands, sensitive habitats, *etc.*) and proximity: _____

_____

(14) ☐ **Y** ☑ **N** If groundwater was not encountered in the excavation, do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site? If yes, then refer to OAR 340-122-0305 through 0360.

AREA/SITE CONDITIONS:

(15) Mean annual rainfall: ◉ <20 inches ○ 20-45 inches ○ >45 inches

(16) Soil type(s) of the naturally occurring soils, not the backfill around the tank – ● select only one:

○ clays, compact tills, shales, and unfractured metamorphic and igneous rocks

◉ sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock

○ fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

SOIL MANAGEMENT

(17) If soil sample results have been received:

☑ **Y** ☐ **N** Will the level of contamination detected require removal of contaminated soil for treatment or disposal?

(18) All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

N/A

Note: It is a violation to stockpile petroleum contaminated soil (PCS) on-site for greater than 30 days without a DEQ Solid Waste Letter Authorization (SWLA) Permit.

(19) If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin: N/A

(20) Estimated volume of contaminated soil (specify tons or cubic yards): 41.82 Tons

(21) Intended disposition of soils (please ● select only one):

○ On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.

○ Thermal treatment off-site at an authorized facility.
Facility name: _____

◉ Landfill disposal.
Name of Landfill: Wasco County Landfill

Note: Please attach additional information as necessary to explain any unusual circumstances associated with this project.

This initial report is intended to provide the Department with the basic initial information about activities associated with the release. Future reports should provide a more detailed and complete picture of the cleanup project.

Please be aware that a DEQ permit/authorization is required for the following activities:

1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.

2) Water discharges to a stream/storm drain from the excavation or treatment tank.

If these activities will be included in your cleanup project, contact the regional DEQ office for the appropriate application forms, information on permit fees and guidance documents.

This report was prepared by:

Individual: Jonathan White Date: 7/1/24

Company: Martin S. Burck Associates Phone: 541.387.4422

Address: 200 N Wasco Ct

City: Hood River State: OR Zip: 97031

1. Return this form to the regional office in which the site is located or by emailing info.lust@deq.oregon.gov.

2. For all tanks, **except heating oil tanks**, you must submit an *UST Decommissioning Checklist and Site Assessment Report* to the appropriate regional office **within 30 days** of the UST decommissioning. Failure to do so can result in delays to your project and may result in continued bulling for the annual tank permit fees.

3. Copies of the LUST Cleanup Manual and other guidance can be viewed and downloaded from the Leaking Underground Storage Tank Cleanup Guidance web page.

4. For Program assistance Contact the DEQ regional office.

Translation or other formats

Español | 한국어 | 繁體中文 | Русский | Tiếng Việt | العربية
800-452-4011 | TTY: 711 | deqinfo@deq.oregon.gov

Non-discrimination statement

DEQ does not discriminate on the basis of race, color, national origin, disability, age or sex in administration of its programs or activities. Visit DEQ's Civil Rights and Environmental Justice page.

Oregon
Tina Kotek, Governor

Department of Environmental Quality
Northwest Region
700 NE Multnomah Street, Suite 600
Portland, OR 97232
(503) 229-5263
FAX (503) 229-6945
TTY 711

August 22, 2024

Zeke Stelzer
Stelzer Enterprises LLC
315 Federal St
The Dalles, OR 97058

RE: UST Decommissioning Status
315 Federal St, The Dalles
DEQ UST Facility ID No. 12757

Dear Zeke Stelzer:

The Department of Environmental Quality (DEQ) has received and reviewed underground storage tank (UST) documents for closure of two decommissioned USTs at facility #12757, located at 315 Federal St, in The Dalles. The purpose of this letter is to document UST closure as required by Oregon Administrative Rule (OAR) 340-150-0168(10).

Based on DEQ review of the documents received, the work appears to have met the requirements of OAR 340-150-0168 for decommissioning by permanent closure. DEQ has changed the status of the tanks from active to closed, with a decommissioning date of May 31, 2024. DEQ file and database records show tank permits BJBBJ and BJBCK as inactive and decommissioned. The documents received are on file at the DEQ Northwest Region Office in Portland.

This letter is in no way related to any UST cleanup or other DEQ programs and is not intended to be a no further action letter for those purposes. The DEQ's determination will not be applicable if new or undisclosed facts show that the UST closure does not comply with the referenced rules.

As the Permittee you are required to maintain records of permanent closure, including the site assessment report and associated documents for three years after the permanent closure checklist and report have been reviewed by the DEQ. If the UST facility is sold within this time period, you must provide these records to the new property owner.

We appreciate your efforts to comply with the prescribed decommissioning rules for underground storage tanks. Should you have any questions, please feel free to contact me at 503-360-4287.

Sincerely,

Dave Pardue

Dave Pardue
UST Program Coordinator