



State of Oregon Department of Environmental Quality
Initial Twenty Day Report Form
Leaking Underground Storage Tank Program

This report is due twenty (20) days from the date of release. Keep a copy of this report with your facility records.

DEQ Project No. _____

DEQ Facility ID No. _____

Project Name: _____

Project Address: _____

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](http://www.deq.state.or.us/pdfrules/340-122-0218.pdf).

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:

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:
20. Estimated volume of contaminated soil (specify tons or cubic yards):
21. Intended disposition of soils (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.

Landfill name: _____

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: _____ Date: _____
 Company: _____ Phone: _____
 Address: _____
 City: _____ State: _____ Zip: _____

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 billing 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](#).

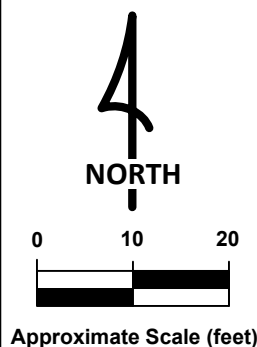


Adapted from Google Earth Imagery (Imagery Date: 9/28/15)

LEGEND

- D1-5
 Soil Sample Location and ID
 HCID ND
 D 13
 O < 5.9
Bold Text Indicates Analyte Was Detected Above the Laboratory Reporting Limit
 < Not Detected Above the Laboratory Reporting Limit, as Listed
 UST UST Location and ID
 Former Dispenser Location
 Stockpile Location

Revised: 2/24/2025 11:44 AM



MSBA
 Martin S. Burck Associates, Inc.
 Geologic and Environmental Consulting Services

FIGURE 1

SITE PLAN & ANALYTICAL RESULTS

Beef Northwest Feeders
 3455 Victorio Rd, Nyssa, OR 97913
 Facility #2174

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/5/2025 12:28:37 PM

JOB DESCRIPTION

Beef NW-Nyssa

JOB NUMBER

590-29247-1

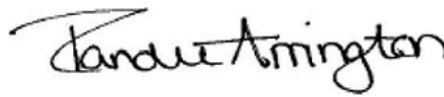
Eurofins Spokane

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



Generated
2/5/2025 12:28:37 PM

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



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Sample Summary	5
Definitions	6
Client Sample Results	7
QC Sample Results	11
Chronicle	13
Certification Summary	17
Method Summary	18
Chain of Custody	19
Receipt Checklists	20

Case Narrative

Client: Martin S Burck Associates
Project: Beef NW-Nyssa

Job ID: 590-29247-1

Job ID: 590-29247-1

Eurofins Spokane

Job Narrative 590-29247-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 1/31/2025 12:00 PM. 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 4.2°C.

Hydrocarbons

Method NWTPH_Dx: The method blank for preparation batch 590-52140 and analytical batch 590-52138 contained Diesel Range Organics (DRO) (C10-C25) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and re-analysis of samples was not performed.

Method NWTPH_Dx: Detected hydrocarbons in the diesel range appear to be due to weathered diesel.

D1-5 (590-29247-4), PL1-7-2.5 (590-29247-11) and (590-29247-A-4-B DU)

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.

Eurofins Spokane

Sample Summary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29247-1	N-12	Solid	01/29/25 14:18	01/31/25 12:00
590-29247-2	Mid-13.5	Solid	01/29/25 14:25	01/31/25 12:00
590-29247-3	S-15.5	Solid	01/29/25 14:33	01/31/25 12:00
590-29247-4	D1-5	Solid	01/28/25 12:23	01/31/25 12:00
590-29247-5	PL1-1-3.5	Solid	01/28/25 09:32	01/31/25 12:00
590-29247-6	PL1-2-3.5	Solid	01/29/25 14:43	01/31/25 12:00
590-29247-7	PL1-3-3.5	Solid	01/29/25 14:55	01/31/25 12:00
590-29247-8	PL1-4-3.5	Solid	01/29/25 15:07	01/31/25 12:00
590-29247-9	PL1-5-3.5	Solid	01/29/25 16:14	01/31/25 12:00
590-29247-10	PL1-6-3	Solid	01/29/25 17:21	01/31/25 12:00
590-29247-11	PL1-7-2.5	Solid	01/29/25 17:37	01/31/25 12:00
590-29247-12	PL2-1-3.5	Solid	01/28/25 10:05	01/31/25 12:00

Definitions/Glossary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Qualifiers

GC Semi 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.

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 Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: N-12

Date Collected: 01/29/25 14:18

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-1

Matrix: Solid

Percent Solids: 79.1

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	☆	02/04/25 16:03	02/05/25 04:53	1
Diesel Range Organics (DRO) (C10-C25)	ND		61	61	mg/Kg	☆	02/04/25 16:03	02/05/25 04:53	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☆	02/04/25 16:03	02/05/25 04:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	100		50 - 150				02/04/25 16:03	02/05/25 04:53	1
<i>n</i> -Triacontane-d62	89		50 - 150				02/04/25 16:03	02/05/25 04:53	1

Client Sample ID: Mid-13.5

Date Collected: 01/29/25 14:25

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-2

Matrix: Solid

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		30	30	mg/Kg	☆	02/04/25 16:03	02/05/25 05:34	1
Diesel Range Organics (DRO) (C10-C25)	ND		60	60	mg/Kg	☆	02/04/25 16:03	02/05/25 05:34	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☆	02/04/25 16:03	02/05/25 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	107		50 - 150				02/04/25 16:03	02/05/25 05:34	1
<i>n</i> -Triacontane-d62	101		50 - 150				02/04/25 16:03	02/05/25 05:34	1

Client Sample ID: S-15.5

Date Collected: 01/29/25 14:33

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-3

Matrix: Solid

Percent Solids: 81.3

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		30	30	mg/Kg	☆	02/04/25 16:03	02/05/25 05:55	1
Diesel Range Organics (DRO) (C10-C25)	ND		59	59	mg/Kg	☆	02/04/25 16:03	02/05/25 05:55	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☆	02/04/25 16:03	02/05/25 05:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	100		50 - 150				02/04/25 16:03	02/05/25 05:55	1
<i>n</i> -Triacontane-d62	88		50 - 150				02/04/25 16:03	02/05/25 05:55	1

Client Sample ID: D1-5

Date Collected: 01/28/25 12:23

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-4

Matrix: Solid

Percent Solids: 79.7

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)	13	B	12	5.0	mg/Kg	☆	02/04/25 13:06	02/04/25 20:53	1
Residual Range Organics (RRO) (C25-C36)	ND		30	5.9	mg/Kg	☆	02/04/25 13:06	02/04/25 20:53	1

Eurofins Spokane

Client Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: D1-5

Date Collected: 01/28/25 12:23

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-4

Matrix: Solid

Percent Solids: 79.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	85		50 - 150	02/04/25 13:06	02/04/25 20:53	1
<i>n</i> -Triacontane-d62	76		50 - 150	02/04/25 13:06	02/04/25 20:53	1

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	☼	02/04/25 16:03	02/05/25 06:16	1
Diesel Range Organics (DRO) (C10-C25)	ND		57	57	mg/Kg	☼	02/04/25 16:03	02/05/25 06:16	1
Residual Range Organics (RRO) (C25-C36)	ND		110	110	mg/Kg	☼	02/04/25 16:03	02/05/25 06:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	99		50 - 150				02/04/25 16:03	02/05/25 06:16	1
<i>n</i> -Triacontane-d62	89		50 - 150				02/04/25 16:03	02/05/25 06:16	1

Client Sample ID: PL1-1-3.5

Date Collected: 01/28/25 09:32

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-5

Matrix: Solid

Percent Solids: 81.3

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	☼	02/04/25 16:03	02/05/25 06:37	1
Diesel Range Organics (DRO) (C10-C25)	ND		58	58	mg/Kg	☼	02/04/25 16:03	02/05/25 06:37	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	02/04/25 16:03	02/05/25 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	106		50 - 150				02/04/25 16:03	02/05/25 06:37	1
<i>n</i> -Triacontane-d62	94		50 - 150				02/04/25 16:03	02/05/25 06:37	1

Client Sample ID: PL1-2-3.5

Date Collected: 01/29/25 14:43

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-6

Matrix: Solid

Percent Solids: 81.4

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	☼	02/04/25 16:03	02/05/25 06:58	1
Diesel Range Organics (DRO) (C10-C25)	ND		59	59	mg/Kg	☼	02/04/25 16:03	02/05/25 06:58	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☼	02/04/25 16:03	02/05/25 06:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	100		50 - 150				02/04/25 16:03	02/05/25 06:58	1
<i>n</i> -Triacontane-d62	90		50 - 150				02/04/25 16:03	02/05/25 06:58	1

Client Sample ID: PL1-3-3.5

Date Collected: 01/29/25 14:55

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-7

Matrix: Solid

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		31	31	mg/Kg	☆	02/04/25 16:03	02/05/25 07:18	1

Eurofins Spokane

Client Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: PL1-3-3.5

Date Collected: 01/29/25 14:55

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-7

Matrix: Solid

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		62	62	mg/Kg	☆	02/04/25 16:03	02/05/25 07:18	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☆	02/04/25 16:03	02/05/25 07:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	99		50 - 150				02/04/25 16:03	02/05/25 07:18	1
<i>n</i> -Triacontane-d62	96		50 - 150				02/04/25 16:03	02/05/25 07:18	1

Client Sample ID: PL1-4-3.5

Date Collected: 01/29/25 15:07

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-8

Matrix: Solid

Percent Solids: 79.5

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	☆	02/04/25 16:03	02/05/25 07:39	1
Diesel Range Organics (DRO) (C10-C25)	ND		59	59	mg/Kg	☆	02/04/25 16:03	02/05/25 07:39	1
Residual Range Organics (RRO) (C25-C36)	ND		120	120	mg/Kg	☆	02/04/25 16:03	02/05/25 07:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	98		50 - 150				02/04/25 16:03	02/05/25 07:39	1
<i>n</i> -Triacontane-d62	91		50 - 150				02/04/25 16:03	02/05/25 07:39	1

Client Sample ID: PL1-5-3.5

Date Collected: 01/29/25 16:14

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-9

Matrix: Solid

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		28	28	mg/Kg	☆	02/04/25 16:03	02/05/25 08:00	1
Diesel Range Organics (DRO) (C10-C25)	ND		55	55	mg/Kg	☆	02/04/25 16:03	02/05/25 08:00	1
Residual Range Organics (RRO) (C25-C36)	ND		110	110	mg/Kg	☆	02/04/25 16:03	02/05/25 08:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	101		50 - 150				02/04/25 16:03	02/05/25 08:00	1
<i>n</i> -Triacontane-d62	86		50 - 150				02/04/25 16:03	02/05/25 08:00	1

Client Sample ID: PL1-6-3

Date Collected: 01/29/25 17:21

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-10

Matrix: Solid

Percent Solids: 71.8

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		33	33	mg/Kg	☆	02/04/25 16:03	02/05/25 08:21	1
Diesel Range Organics (DRO) (C10-C25)	ND		66	66	mg/Kg	☆	02/04/25 16:03	02/05/25 08:21	1
Residual Range Organics (RRO) (C25-C36)	ND		130	130	mg/Kg	☆	02/04/25 16:03	02/05/25 08:21	1

Eurofins Spokane

Client Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: PL1-6-3

Date Collected: 01/29/25 17:21

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-10

Matrix: Solid

Percent Solids: 71.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	98		50 - 150	02/04/25 16:03	02/05/25 08:21	1
<i>n</i> -Triacontane-d62	90		50 - 150	02/04/25 16:03	02/05/25 08:21	1

Client Sample ID: PL1-7-2.5

Date Collected: 01/29/25 17:37

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-11

Matrix: Solid

Percent Solids: 69.6

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)	130	B	14	5.9	mg/Kg	☼	02/04/25 13:06	02/04/25 21:35	1
Residual Range Organics (RRO) (C25-C36)	88		35	7.1	mg/Kg	☼	02/04/25 13:06	02/04/25 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	92		50 - 150				02/04/25 13:06	02/04/25 21:35	1
<i>n</i> -Triacontane-d62	72		50 - 150				02/04/25 13:06	02/04/25 21:35	1

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		35	35	mg/Kg	☼	02/04/25 16:04	02/05/25 08:42	1
Diesel Range Organics (DRO) (C10-C25)	86		70	70	mg/Kg	☼	02/04/25 16:04	02/05/25 08:42	1
Residual Range Organics (RRO) (C25-C36)	ND		140	140	mg/Kg	☼	02/04/25 16:04	02/05/25 08:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	103		50 - 150				02/04/25 16:04	02/05/25 08:42	1
<i>n</i> -Triacontane-d62	109		50 - 150				02/04/25 16:04	02/05/25 08:42	1

Client Sample ID: PL2-1-3.5

Date Collected: 01/28/25 10:05

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-12

Matrix: Solid

Percent Solids: 72.6

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		32	32	mg/Kg	☼	02/04/25 16:04	02/05/25 09:02	1
Diesel Range Organics (DRO) (C10-C25)	1100		63	63	mg/Kg	☼	02/04/25 16:04	02/05/25 09:02	1
Residual Range Organics (RRO) (C25-C36)	ND		130	130	mg/Kg	☼	02/04/25 16:04	02/05/25 09:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	114		50 - 150				02/04/25 16:04	02/05/25 09:02	1
<i>n</i> -Triacontane-d62	108		50 - 150				02/04/25 16:04	02/05/25 09:02	1

QC Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

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

Lab Sample ID: MB 590-52140/1-A

Matrix: Solid

Analysis Batch: 52138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	7.41	J	10	4.2	mg/Kg		02/04/25 13:05	02/04/25 18:27	1
Residual Range Organics (RRO) (C25-C36)	ND		25	5.0	mg/Kg		02/04/25 13:05	02/04/25 18:27	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	87		50 - 150				02/04/25 13:05	02/04/25 18:27	1
<i>n</i> -Triacontane-d62	73		50 - 150				02/04/25 13:05	02/04/25 18:27	1

Lab Sample ID: LCS 590-52140/2-A

Matrix: Solid

Analysis Batch: 52138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	66.5		mg/Kg		100	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	64.5		mg/Kg		97	50 - 150
Surrogate	%Recovery	LCS Qualifier	Limits				
<i>o</i> -Terphenyl	88		50 - 150				
<i>n</i> -Triacontane-d62	79		50 - 150				

Lab Sample ID: 590-29247-4 DU

Matrix: Solid

Analysis Batch: 52138

Client Sample ID: D1-5

Prep Type: Total/NA

Prep Batch: 52140

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	13	B	14.3		mg/Kg	☼	11	40
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	☼	NC	40
Surrogate	%Recovery	DU Qualifier	Limits					
<i>o</i> -Terphenyl	78		50 - 150					
<i>n</i> -Triacontane-d62	68		50 - 150					

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

Lab Sample ID: MB 590-52148/1-A

Matrix: Solid

Analysis Batch: 52149

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52148

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		25	25	mg/Kg		02/04/25 16:03	02/05/25 04:32	1
Diesel Range Organics (DRO) (C10-C25)	ND		50	50	mg/Kg		02/04/25 16:03	02/05/25 04:32	1
Residual Range Organics (RRO) (C25-C36)	ND		100	100	mg/Kg		02/04/25 16:03	02/05/25 04:32	1

Eurofins Spokane

QC Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

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

Lab Sample ID: MB 590-52148/1-A

Matrix: Solid

Analysis Batch: 52149

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52148

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	107		50 - 150	02/04/25 16:03	02/05/25 04:32	1
<i>n</i> -Triacontane-d62	92		50 - 150	02/04/25 16:03	02/05/25 04:32	1

Lab Sample ID: 590-29247-1 DU

Matrix: Solid

Analysis Batch: 52149

Client Sample ID: N-12

Prep Type: Total/NA

Prep Batch: 52148

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	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

	DU	DU				
Surrogate	%Recovery	Qualifier	Limits			
<i>o</i> -Terphenyl	99		50 - 150			
<i>n</i> -Triacontane-d62	86		50 - 150			

Lab Sample ID: 590-29247-12 DU

Matrix: Solid

Analysis Batch: 52149

Client Sample ID: PL2-1-3.5

Prep Type: Total/NA

Prep Batch: 52148

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Gasoline Range Organics [C6 - C10]	ND		ND		mg/Kg	⊛	NC	25
Diesel Range Organics (DRO) (C10-C25)	1100		1180		mg/Kg	⊛	10	25
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	⊛	NC	25

	DU	DU				
Surrogate	%Recovery	Qualifier	Limits			
<i>o</i> -Terphenyl	116		50 - 150			
<i>n</i> -Triacontane-d62	104		50 - 150			

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: N-12

Lab Sample ID: 590-29247-1

Date Collected: 01/29/25 14:18

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: N-12

Lab Sample ID: 590-29247-1

Date Collected: 01/29/25 14:18

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 79.1

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			10.37 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 04:53	NMI	EET SPK

Client Sample ID: Mid-13.5

Lab Sample ID: 590-29247-2

Date Collected: 01/29/25 14:25

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: Mid-13.5

Lab Sample ID: 590-29247-2

Date Collected: 01/29/25 14:25

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 82.2

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			10.20 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 05:34	NMI	EET SPK

Client Sample ID: S-15.5

Lab Sample ID: 590-29247-3

Date Collected: 01/29/25 14:33

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: S-15.5

Lab Sample ID: 590-29247-3

Date Collected: 01/29/25 14:33

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 81.3

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			10.36 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 05:55	NMI	EET SPK

Client Sample ID: D1-5

Lab Sample ID: 590-29247-4

Date Collected: 01/28/25 12:23

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: D1-5

Date Collected: 01/28/25 12:23

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-4

Matrix: Solid

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.87 g	5 mL	52140	02/04/25 13:06	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52138	02/04/25 20:53	NMI	EET SPK
Total/NA	Prep	NWTPH-HCID			10.98 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 06:16	NMI	EET SPK

Client Sample ID: PL1-1-3.5

Date Collected: 01/28/25 09:32

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-5

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: PL1-1-3.5

Date Collected: 01/28/25 09:32

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-5

Matrix: Solid

Percent Solids: 81.3

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			10.56 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 06:37	NMI	EET SPK

Client Sample ID: PL1-2-3.5

Date Collected: 01/29/25 14:43

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-6

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: PL1-2-3.5

Date Collected: 01/29/25 14:43

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-6

Matrix: Solid

Percent Solids: 81.4

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			10.38 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 06:58	NMI	EET SPK

Client Sample ID: PL1-3-3.5

Date Collected: 01/29/25 14:55

Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-7

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			52133	02/04/25 10:26	AMB	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: PL1-3-3.5

Lab Sample ID: 590-29247-7

Date Collected: 01/29/25 14:55

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 80.6

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			10.07 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 07:18	NMI	EET SPK

Client Sample ID: PL1-4-3.5

Lab Sample ID: 590-29247-8

Date Collected: 01/29/25 15:07

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: PL1-4-3.5

Lab Sample ID: 590-29247-8

Date Collected: 01/29/25 15:07

Matrix: Solid

Date Received: 01/31/25 12:00

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	NWTPH-HCID			10.70 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 07:39	NMI	EET SPK

Client Sample ID: PL1-5-3.5

Lab Sample ID: 590-29247-9

Date Collected: 01/29/25 16:14

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: PL1-5-3.5

Lab Sample ID: 590-29247-9

Date Collected: 01/29/25 16:14

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 84.3

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			10.76 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 08:00	NMI	EET SPK

Client Sample ID: PL1-6-3

Lab Sample ID: 590-29247-10

Date Collected: 01/29/25 17:21

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

Client Sample ID: PL1-6-3

Lab Sample ID: 590-29247-10

Date Collected: 01/29/25 17:21

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 71.8

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			10.52 g	20 mL	52148	02/04/25 16:03	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 08:21	NMI	EET SPK

Client Sample ID: PL1-7-2.5

Lab Sample ID: 590-29247-11

Date Collected: 01/29/25 17:37

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: PL1-7-2.5

Lab Sample ID: 590-29247-11

Date Collected: 01/29/25 17:37

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 69.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.28 g	5 mL	52140	02/04/25 13:06	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52138	02/04/25 21:35	NMI	EET SPK
Total/NA	Prep	NWTPH-HCID			10.31 g	20 mL	52148	02/04/25 16:04	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 08:42	NMI	EET SPK

Client Sample ID: PL2-1-3.5

Lab Sample ID: 590-29247-12

Date Collected: 01/28/25 10:05

Matrix: Solid

Date Received: 01/31/25 12:00

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			52133	02/04/25 10:26	AMB	EET SPK

Client Sample ID: PL2-1-3.5

Lab Sample ID: 590-29247-12

Date Collected: 01/28/25 10:05

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 72.6

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			10.88 g	20 mL	52148	02/04/25 16:04	NMI	EET SPK
Total/NA	Analysis	NWTPH-HCID		1	1 mL	1 mL	52149	02/05/25 09:02	NMI	EET SPK

Laboratory References:

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

Eurofins Spokane

Accreditation/Certification Summary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-1

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	12-07-25
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: Beef NW-Nyssa

Job ID: 590-29247-1

Method	Method Description	Protocol	Laboratory
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
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 TestAmerica, Spokane
11922 E 1st Avenue

Spokane, WA 99206-5302
phone 509 924.9200 fax 509 924.9290

Chain of Custody Record



Environment
Test & Analysis

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories Inc. d/b/a Eurofins TestAmerica

Client Contact		Project Manager: Jon White		Site Contact:		Date:		COC No:	
Your Company Name here: Martin S. Burak Assoc.		Email: jwhite@msbaenvironmental.com		Tel/Fax:		Lab Contact:		Carrier:	
Address: 200 N Wasco Ct		Analysis Turnaround Time						COC No: 1 of 1 COCs	
City/State/Zip: Hood River, OR 97031		☐ CALENDAR DAYS ☒ WORKING DAYS						Sampler	
Phone: 541 397 4422		TAT if different from Below: 3-day						For Lab Use Only	
FAX:		☐ 2 weeks						Walk-in Client:	
Project Name: Beef NW - Nyssa		☐ 1 week						Lab Sampling:	
Site: Beef NW - Nyssa		☐ 2 days						Job / SDG No.	
PO# Beef NW		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
N-12	1/29/25	1418	G	Soil	3		✓		
M 8-135	1/29/25	1425	G	Soil	3		✓		
S-155	1/29/25	1433	G	Soil	3		✓		
D1-5	1/28/25	1223	G	Soil	3		✓	✓	
PL1-1-35	1/28/25	0932	G	Soil	3		✓		
PL1-2-35	1/29/25	1443	G	Soil	3		✓		
PL1-3-35	1/29/25	1455	G	Soil	3		✓		
PL1-4-25	1/29/25	1507	G	Soil	3		✓		
PL1-5-35	1/29/25	1614	G	Soil	3		✓		
PL1-6-3	1/29/25	1721	G	Soil	3		✓		
PL1-7-25	1/29/25	1737	G	Soil	3		✓	✓	
PL2-1-35	1/28/25	1005	G	Soil	3		✓		
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.					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown					☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments 3-day TAT									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.		Cooler Temp. (°C) Obs'd: 38		Corr'd: 4.2		Therm ID No. 12005	
Relinquished by: Jon White		Company: MSBA		Date/Time: 1/30/25 13:00		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: EET 890	
								Date/Time: 1/31/25 1200	

Form No. CA-C-WI-002, Rev 4.23, dated 4/16/2019

Login Sample Receipt Checklist

Client: Martin S Burck Associates

Job Number: 590-29247-1

Login Number: 29247

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/10/2025 3:44:44 PM

JOB DESCRIPTION

Beef NW-Nyssa

JOB NUMBER

590-29247-2

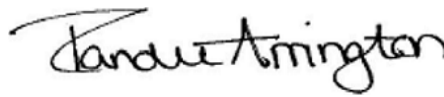
Eurofins Spokane

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



Generated
2/10/2025 3:44:44 PM

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



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Sample Summary	5
Definitions	6
Client Sample Results	7
QC Sample Results	8
Chronicle	9
Certification Summary	10
Method Summary	11
Chain of Custody	12
Receipt Checklists	13

Case Narrative

Client: Martin S Burck Associates
Project: Beef NW-Nyssa

Job ID: 590-29247-2

Job ID: 590-29247-2

Eurofins Spokane

Job Narrative 590-29247-2

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 1/31/2025 12:00 PM. 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 4.2°C.

Receipt Exceptions

The following sample was activated for NWTPH-Dx analysis by the client on 02/06/25: PL2-1-3.5 (590-29247-12). This analysis was not originally requested on the chain-of-custody (COC).

Hydrocarbons

Method NWTPH_Dx: Detected hydrocarbons in the oil range appear to be due to diesel overlap.

PL2-1-3.5 (590-29247-12)

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

Eurofins Spokane

Sample Summary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29247-12	PL2-1-3.5	Solid	01/28/25 10:05	01/31/25 12:00

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Definitions/Glossary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-2

Qualifiers

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.

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 Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-2

Client Sample ID: PL2-1-3.5

Lab Sample ID: 590-29247-12

Date Collected: 01/28/25 10:05

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 72.6

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)	3800		130	56	mg/Kg	☼	02/10/25 09:37	02/10/25 12:49	10
Residual Range Organics (RRO) (C25-C36)	260	J	330	67	mg/Kg	☼	02/10/25 09:37	02/10/25 12:49	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	123		50 - 150				02/10/25 09:37	02/10/25 12:49	10
<i>n</i> -Triacontane-d62	98		50 - 150				02/10/25 09:37	02/10/25 12:49	10

QC Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-2

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

Lab Sample ID: MB 590-52231/1-A

Matrix: Solid

Analysis Batch: 52244

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52231

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		02/10/25 09:37	02/10/25 12:08	1
Residual Range Organics (RRO) (C25-C36)	ND		25	5.0	mg/Kg		02/10/25 09:37	02/10/25 12:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	79		50 - 150				02/10/25 09:37	02/10/25 12:08	1
<i>n</i> -Triacontane-d62	80		50 - 150				02/10/25 09:37	02/10/25 12:08	1

Lab Sample ID: LCS 590-52231/2-A

Matrix: Solid

Analysis Batch: 52244

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52231

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	65.7		mg/Kg		99	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	68.6		mg/Kg		103	50 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
<i>o</i> -Terphenyl	81		50 - 150				
<i>n</i> -Triacontane-d62	85		50 - 150				

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-2

Client Sample ID: PL2-1-3.5
Date Collected: 01/28/25 10:05
Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-12
Matrix: Solid
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.52 g	5 mL	52231	02/10/25 09:37	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		10	1 mL	1 mL	52244	02/10/25 12:49	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: Beef NW-Nyssa

Job ID: 590-29247-2

Laboratory: Eurofins Spokane

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4137	12-07-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-2

Method	Method Description	Protocol	Laboratory
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK

Protocol References:

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 TestAmerica, Spokane
11922 E 1st Avenue

Spokane, WA 99206-5302
phone 509 924.9200 fax 509 924.9290

Chain of Custody Record



Environment
Test & Analysis

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories Inc. d/b/a Eurofins TestAmerica

Client Contact		Project Manager: Jon White		Site Contact:		Date:		COC No:	
Your Company Name here: Martin S. Burak Assoc.		Email: jwhite@msbaenvironmental.com		Tel/Fax:		Lab Contact:		Carrier:	
Address: 200 N Wasco Ct		Analysis Turnaround Time							
City/State/Zip: Hood River, OR 97031		☐ CALENDAR DAYS ☒ WORKING DAYS							
Phone: 541 397 4422		TAT if different from Below: 3-day							
FAX:		☐ 2 weeks							
Project Name: Beef NW - Nyssa		☐ 1 week							
Site: Beef NW - Nyssa		☐ 2 days							
PO# Beef NW		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
N-12	1/29/25	1418	G	Soil	3		✓		
M 8-135	1/29/25	1425	G	Soil	3		✓		
S-155	1/29/25	1433	G	Soil	3		✓		
D1-5	1/28/25	1223	G	Soil	3		✓	✓	
PL1-1-35	1/28/25	0932	G	Soil	3		✓		
PL1-2-35	1/29/25	1443	G	Soil	3		✓		
PL1-3-35	1/29/25	1455	G	Soil	3		✓		
PL1-4-25	1/29/25	1507	G	Soil	3		✓		
PL1-5-35	1/29/25	1614	G	Soil	3		✓		
PL1-6-3	1/29/25	1721	G	Soil	3		✓		
PL1-7-25	1/29/25	1737	G	Soil	3		✓	✓	
PL2-1-35	1/28/25	1005	G	Soil	3		✓		
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.					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown					☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments 3-day TAT									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.		Cooler Temp. (°C) Obs'd: 38		Corr'd: 4.2		Therm ID No. 12005	
Relinquished by: Jon White		Company: MSBA		Date/Time: 1/30/25 13:00		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: EET 890	
								Date/Time: 1/31/25 1200	

Form No. CA-C-WI-002, Rev 4.23, dated 4/16/2019

Login Sample Receipt Checklist

Client: Martin S Burck Associates

Job Number: 590-29247-2

Login Number: 29247

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Spokane

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/12/2025 1:08:53 PM

JOB DESCRIPTION

Beef NW-Nyssa

JOB NUMBER

590-29247-3

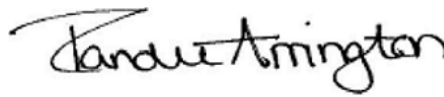
Eurofins Spokane

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



Generated
2/12/2025 1:08:53 PM

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



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Sample Summary	5
Definitions	6
Client Sample Results	7
QC Sample Results	8
Chronicle	9
Certification Summary	10
Method Summary	11
Chain of Custody	12
Receipt Checklists	13

Case Narrative

Client: Martin S Burck Associates
Project: Beef NW-Nyssa

Job ID: 590-29247-3

Job ID: 590-29247-3

Eurofins Spokane

Job Narrative 590-29247-3

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 1/31/2025 12:00 PM. 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 4.2°C.

Receipt Exceptions

The following sample was activated for NWTPH-Dx analysis by the client on 02/11/25: N-12 (590-29247-1). This analysis was not originally requested on the chain-of-custody (COC).

Hydrocarbons

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

Eurofins Spokane

Sample Summary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29247-1	N-12	Solid	01/29/25 14:18	01/31/25 12:00

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Definitions/Glossary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-3

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 Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-3

Client Sample ID: N-12

Lab Sample ID: 590-29247-1

Date Collected: 01/29/25 14:18

Matrix: Solid

Date Received: 01/31/25 12:00

Percent Solids: 79.1

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)	33		12	5.2	mg/Kg	☼	02/11/25 14:29	02/11/25 17:15	1
Residual Range Organics (RRO) (C25-C36)	ND		31	6.2	mg/Kg	☼	02/11/25 14:29	02/11/25 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	85		50 - 150				02/11/25 14:29	02/11/25 17:15	1
<i>n</i> -Triacontane-d62	89		50 - 150				02/11/25 14:29	02/11/25 17:15	1

QC Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-3

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

Lab Sample ID: MB 590-52279/1-A

Matrix: Solid

Analysis Batch: 52280

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52279

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		02/11/25 14:29	02/11/25 15:52	1
Residual Range Organics (RRO) (C25-C36)	ND		25	5.0	mg/Kg		02/11/25 14:29	02/11/25 15:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	89		50 - 150				02/11/25 14:29	02/11/25 15:52	1
<i>n</i> -Triacontane-d62	93		50 - 150				02/11/25 14:29	02/11/25 15:52	1

Lab Sample ID: LCS 590-52279/2-A

Matrix: Solid

Analysis Batch: 52280

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	65.3		mg/Kg		98	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	70.8		mg/Kg		106	50 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
<i>o</i> -Terphenyl	94		50 - 150				
<i>n</i> -Triacontane-d62	102		50 - 150				

Lab Sample ID: 590-29247-1 DU

Matrix: Solid

Analysis Batch: 52280

Client Sample ID: N-12

Prep Type: Total/NA

Prep Batch: 52279

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	33		38.0		mg/Kg	⊛	14	40
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	⊛	NC	40
Surrogate	DU %Recovery	DU Qualifier	Limits					
<i>o</i> -Terphenyl	87		50 - 150					
<i>n</i> -Triacontane-d62	91		50 - 150					

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-3

Client Sample ID: N-12
Date Collected: 01/29/25 14:18
Date Received: 01/31/25 12:00

Lab Sample ID: 590-29247-1
Matrix: Solid
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.40 g	5 mL	52279	02/11/25 14:29	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52280	02/11/25 17:15	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: Beef NW-Nyssa

Job ID: 590-29247-3

Laboratory: Eurofins Spokane

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4137	12-07-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Martin S Burck Associates
Project/Site: Beef NW-Nyssa

Job ID: 590-29247-3

Method	Method Description	Protocol	Laboratory
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

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

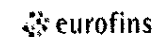
Laboratory References:

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

Eurofins TestAmerica, Spokane
11922 E 1st Avenue

Spokane, WA 99206-5302
phone 509 924.9200 fax 509 924.9290

Chain of Custody Record



Environment
Test & Analysis

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories Inc. d/b/a Eurofins TestAmerica

Client Contact		Project Manager: Jon White		Site Contact:		Date:		COC No:	
Your Company Name here: Martin S. Burak Assoc.		Email: jwhite@msbaenvironmental.com		Tel/Fax:		Lab Contact:		Carrier:	
Address: 200 N Wasco Ct		Analysis Turnaround Time							
City/State/Zip: Hood River, OR 97031		☐ CALENDAR DAYS ☒ WORKING DAYS							
Phone: 541 397 4422		TAT if different from Below: 3-day							
FAX:		☐ 2 weeks							
Project Name: Beef NW - Nyssa		☐ 1 week							
Site: Beef NW - Nyssa		☐ 2 days							
PO# Beef NW		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
N-12	1/29/25	1418	G	Soil	3		✓		
M 8-135	1/29/25	1425	G	Soil	3		✓		
S-155	1/29/25	1433	G	Soil	3		✓		
D1-5	1/28/25	1223	G	Soil	3		✓	✓	
PL1-1-35	1/28/25	0932	G	Soil	3		✓		
PL1-2-35	1/29/25	1443	G	Soil	3		✓		
PL1-3-35	1/29/25	1455	G	Soil	3		✓		
PL1-4-25	1/29/25	1507	G	Soil	3		✓		
PL1-5-35	1/29/25	1614	G	Soil	3		✓		
PL1-6-3	1/29/25	1721	G	Soil	3		✓		
PL1-7-25	1/29/25	1737	G	Soil	3		✓	✓	
PL2-1-35	1/28/25	1005	G	Soil	3		✓		
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.					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown					☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments 3-day TAT									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.		Cooler Temp. (°C) Obs'd: 38		Corr'd: 4.2		Therm ID No. 12005	
Relinquished by: Jon White		Company: MSBA		Date/Time: 1/30/25 13:00		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: EET 890	
								Date/Time: 1/31/25 1200	

Form No. CA-C-WI-002, Rev 4.23, dated 4/16/2019

Login Sample Receipt Checklist

Client: Martin S Burck Associates

Job Number: 590-29247-3

Login Number: 29247

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Spokane

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/20/2025 7:30:54 PM

JOB DESCRIPTION

Beef NW - Nyssa

JOB NUMBER

590-29480-1

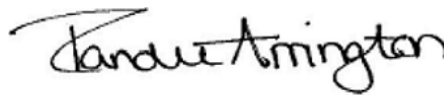
Eurofins Spokane

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



Generated
2/20/2025 7:30:54 PM

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

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Sample Summary	5
Definitions	6
Client Sample Results	7
QC Sample Results	9
Chronicle	10
Certification Summary	12
Method Summary	13
Chain of Custody	14
Receipt Checklists	15



Case Narrative

Client: Martin S Burck Associates
Project: Beef NW - Nyssa

Job ID: 590-29480-1

Job ID: 590-29480-1

Eurofins Spokane

Job Narrative 590-29480-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 2/17/2025 10:15 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 3.5°C.

Hydrocarbons

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.

Eurofins Spokane

Sample Summary

Client: Martin S Burck Associates
Project/Site: Beef NW - Nyssa

Job ID: 590-29480-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29480-3	SP-4	Solid	02/12/25 08:41	02/17/25 10:15
590-29480-4	SP-5	Solid	02/12/25 08:49	02/17/25 10:15
590-29480-11	SP-2 & SP-3 Lab Composite	Solid	02/12/25 08:34	02/17/25 10:15
590-29480-12	SP-6 & SP-7 Lab Composite	Solid	02/12/25 09:11	02/17/25 10:15
590-29480-13	SP-8 & SP-9 Lab Composite	Solid	02/12/25 09:33	02/17/25 10:15

Definitions/Glossary

Client: Martin S Burck Associates
Project/Site: Beef NW - Nyssa

Job ID: 590-29480-1

Qualifiers

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.

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 Results

Client: Martin S Burck Associates
Project/Site: Beef NW - Nyssa

Job ID: 590-29480-1

Client Sample ID: SP-4

Date Collected: 02/12/25 08:41

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-3

Matrix: Solid

Percent Solids: 77.6

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)	780		12	5.1	mg/Kg	☼	02/20/25 10:32	02/20/25 12:19	1
Residual Range Organics (RRO) (C25-C36)	24	J	30	6.1	mg/Kg	☼	02/20/25 10:32	02/20/25 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	103		50 - 150				02/20/25 10:32	02/20/25 12:19	1
n-Triacontane-d62	100		50 - 150				02/20/25 10:32	02/20/25 12:19	1

Client Sample ID: SP-5

Date Collected: 02/12/25 08:49

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-4

Matrix: Solid

Percent Solids: 78.0

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)	58		12	5.2	mg/Kg	☼	02/20/25 10:32	02/20/25 13:01	1
Residual Range Organics (RRO) (C25-C36)	6.3	J	31	6.2	mg/Kg	☼	02/20/25 10:32	02/20/25 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	95		50 - 150				02/20/25 10:32	02/20/25 13:01	1
n-Triacontane-d62	98		50 - 150				02/20/25 10:32	02/20/25 13:01	1

Client Sample ID: SP-2 & SP-3 Lab Composite

Date Collected: 02/12/25 08:34

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-11

Matrix: Solid

Percent Solids: 81.0

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)	25		12	4.9	mg/Kg	☼	02/20/25 10:32	02/20/25 13:21	1
Residual Range Organics (RRO) (C25-C36)	ND		29	5.9	mg/Kg	☼	02/20/25 10:32	02/20/25 13:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150				02/20/25 10:32	02/20/25 13:21	1
n-Triacontane-d62	96		50 - 150				02/20/25 10:32	02/20/25 13:21	1

Client Sample ID: SP-6 & SP-7 Lab Composite

Date Collected: 02/12/25 09:11

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-12

Matrix: Solid

Percent Solids: 78.6

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	5.2	mg/Kg	☼	02/20/25 10:32	02/20/25 13:42	1
Residual Range Organics (RRO) (C25-C36)	ND		31	6.2	mg/Kg	☼	02/20/25 10:32	02/20/25 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150				02/20/25 10:32	02/20/25 13:42	1
n-Triacontane-d62	96		50 - 150				02/20/25 10:32	02/20/25 13:42	1

Eurofins Spokane

Client Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW - Nyssa

Job ID: 590-29480-1

Client Sample ID: SP-8 & SP-9 Lab Composite

Lab Sample ID: 590-29480-13

Date Collected: 02/12/25 09:33

Matrix: Solid

Date Received: 02/17/25 10:15

Percent Solids: 78.0

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)	33		13	5.2	mg/Kg	☼	02/20/25 10:32	02/20/25 14:03	1
Residual Range Organics (RRO) (C25-C36)	ND		31	6.3	mg/Kg	☼	02/20/25 10:32	02/20/25 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	101		50 - 150				02/20/25 10:32	02/20/25 14:03	1
<i>n</i> -Triacontane-d62	107		50 - 150				02/20/25 10:32	02/20/25 14:03	1

QC Sample Results

Client: Martin S Burck Associates
Project/Site: Beef NW - Nyssa

Job ID: 590-29480-1

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

Lab Sample ID: MB 590-52466/1-A

Matrix: Solid

Analysis Batch: 52464

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52466

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		02/20/25 10:32	02/20/25 11:38	1
Residual Range Organics (RRO) (C25-C36)	ND		25	5.0	mg/Kg		02/20/25 10:32	02/20/25 11:38	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150				02/20/25 10:32	02/20/25 11:38	1
n-Triacontane-d62	98		50 - 150				02/20/25 10:32	02/20/25 11:38	1

Lab Sample ID: LCS 590-52466/2-A

Matrix: Solid

Analysis Batch: 52464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	64.6		mg/Kg		97	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	68.6		mg/Kg		103	50 - 150
Surrogate	%Recovery	LCS Qualifier	Limits				
o-Terphenyl	91		50 - 150				
n-Triacontane-d62	97		50 - 150				

Lab Sample ID: 590-29480-3 DU

Matrix: Solid

Analysis Batch: 52464

Client Sample ID: SP-4

Prep Type: Total/NA

Prep Batch: 52466

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	780		772		mg/Kg	⊛	1	40
Residual Range Organics (RRO) (C25-C36)	24	J	22.3	J	mg/Kg	⊛	7	40
Surrogate	%Recovery	DU Qualifier	Limits					
o-Terphenyl	104		50 - 150					
n-Triacontane-d62	96		50 - 150					

Eurofins Spokane

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW - Nyssa

Job ID: 590-29480-1

Client Sample ID: SP-4

Date Collected: 02/12/25 08:41

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-3

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			52467	02/20/25 10:48	NMI	EET SPK

Client Sample ID: SP-4

Date Collected: 02/12/25 08:41

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-3

Matrix: Solid

Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.98 g	5 mL	52466	02/20/25 10:32	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52464	02/20/25 12:19	NMI	EET SPK

Client Sample ID: SP-5

Date Collected: 02/12/25 08:49

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-4

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			52467	02/20/25 10:48	NMI	EET SPK

Client Sample ID: SP-5

Date Collected: 02/12/25 08:49

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-4

Matrix: Solid

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	3550C			15.48 g	5 mL	52466	02/20/25 10:32	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52464	02/20/25 13:01	NMI	EET SPK

Client Sample ID: SP-2 & SP-3 Lab Composite

Date Collected: 02/12/25 08:34

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-11

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			52467	02/20/25 10:48	NMI	EET SPK

Client Sample ID: SP-2 & SP-3 Lab Composite

Date Collected: 02/12/25 08:34

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-11

Matrix: Solid

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.79 g	5 mL	52466	02/20/25 10:32	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52464	02/20/25 13:21	NMI	EET SPK

Client Sample ID: SP-6 & SP-7 Lab Composite

Date Collected: 02/12/25 09:11

Date Received: 02/17/25 10:15

Lab Sample ID: 590-29480-12

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			52467	02/20/25 10:48	NMI	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Martin S Burck Associates
Project/Site: Beef NW - Nyssa

Job ID: 590-29480-1

Client Sample ID: SP-6 & SP-7 Lab Composite

Lab Sample ID: 590-29480-12

Date Collected: 02/12/25 09:11

Matrix: Solid

Date Received: 02/17/25 10:15

Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.47 g	5 mL	52466	02/20/25 10:32	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52464	02/20/25 13:42	NMI	EET SPK

Client Sample ID: SP-8 & SP-9 Lab Composite

Lab Sample ID: 590-29480-13

Date Collected: 02/12/25 09:33

Matrix: Solid

Date Received: 02/17/25 10:15

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			52467	02/20/25 10:48	NMI	EET SPK

Client Sample ID: SP-8 & SP-9 Lab Composite

Lab Sample ID: 590-29480-13

Date Collected: 02/12/25 09:33

Matrix: Solid

Date Received: 02/17/25 10:15

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	3550C			15.35 g	5 mL	52466	02/20/25 10:32	NMI	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	52464	02/20/25 14:03	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: Beef NW - Nyssa

Job ID: 590-29480-1

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	12-07-25

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: Beef NW - Nyssa

Job ID: 590-29480-1

Method	Method Description	Protocol	Laboratory
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3550C	Ultrasonic Extraction	SW846	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

Chain of Custody Record

Spokane WA 99206-5302
phone 509.924.9200 fax 509.924.9290

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins Environment Testing America

Client Contact		Project Manager: <u>Justin Owen</u>		Site Contact:		Date:		COC No	
Martin S. Burck Associates		Email: <u>jowen@msbaenvironmental.com</u>		Lab Contact:		Carrier:		1 of 1 COCs	
200 N Wasco Ct		Tel/Fax: <u>541.387.4422</u>						TALS Project #:	
Hood River, OR 97031		Analysis Turnaround Time						Sampler:	
Phone 541.387.4422		☐ CALENDAR DAYS ☒ WORKING DAYS						For Lab Use Only	
FAX: 541.387.4813		TAT if different from Below <u>3-day</u>						Walk-in Client:	
Project Name: <u>Beef NW - Nyssa</u>		☐ 2 weeks <u>TAT</u>						Lab Sampling	
Site: <u>Beef NW - Nyssa</u>		☐ 1 week							
PO# <u>Beef NW</u>		☐ 2 days						Job / SDG No.	
		☐ 1 day							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lab Composite	Hold	Sample Specific Notes
SP-2	2/12/25	0827	G	Soil	1			X		Analyze composite
SP-3	2/12/25	0834	G	Soil	1			X		of SP-2 & SP-3
SP-4	2/14/25	0841	G	Soil	1					
SP-5	2/12/25	0849	G	Soil	1					
SP-6	2/12/25	0857	G	Soil	1			+		Analyze composite
SP-7	2/12/25	0911	G	Soil	1			+		of SP-6 & SP-7
SP-8	2/12/25	0926	G	Soil	1			*		Analyze composite
SP-9	2/12/25	0933	G	Soil	1			*		of SP-8 & SP-9
SP4-X	2/12/25	1035	G	Soil	1				✓	
SP5-X	2/12/25	1141	G	Soil	1				✓	

590-29480 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 3-day TAT

Custody Seals Intact. ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd. <u>3.4</u> Corr'd. <u>3.5</u>	Therm ID No. <u>18005</u>
Relinquished by: <u>Justin Owen</u>	Company: <u>MSBA</u>	Date/Time: <u>2/13/25 13:00</u>	Received by: <u>[Signature]</u>
Relinquished by:	Company:	Date/Time:	Received by:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:
			Company:
			Date/Time:

Login Sample Receipt Checklist

Client: Martin S Burck Associates

Job Number: 590-29480-1

Login Number: 29480

List Source: Eurofins Spokane

List Number: 1

Creator: Vaughan, Madison R

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Spokane