



The Leader in Nationwide 24-Hour Emergency Management
For Emergency Only: 1-800- 579-2872

ENVIRONMENTAL

Nov 14, 2024

Washington- DOE- Eastern Regional Office
Ms. Sara Fulton
4601 North Monroe Street
Spokane, WA, 99205-
sara.fulton@ecy.wa.gov

RE: DIESEL FUEL (GENERIC) RELEASE - FINAL REPORT

LINEAGE LOGISTICS

HIGHWAY 243 BETWEEN LOWER CRAB CREEK ROAD SW & EXIT A STREET
BEVERLY, GRANT COUNTY, WA

CES PROJECT NO.

EM243670S3 - BCB169

LINEAGE LOGISTICS REF. NO.

1000191063

TRUCK NO.

624104

Ms. Sara Fulton:

Please accept this document as the final report detailing the emergency response and remedial actions taken for the diesel fuel (generic) release that occurred on 5/29/2024, at the above referenced location.

INCIDENT BACKGROUND:

On May 29, 2024, at approximately 2:33 PM CDT, a tractor-trailer operated by Lineage Logistics (LL) was traveling at the above-referenced location when the unit veered onto the roadway shoulder and partially into a boulder field to avoid a collision with another vehicle. As a result, the unit caught on fire and approximately 100 gallons of diesel fuel was released to the asphalt surfaces of the roadway shoulder and to the soil surfaces adjacent to the roadway.

EMERGENCY RESPONSE:

On May 29, 2024, at approximately 3:51 PM CDT, a representative from LL retained Cura Emergency Services, L.C. (CES) to manage the environmental remediation of the site on their behalf. Based on the available information, the CES incident manager dispatched a crew from GrayMar Environmental Services (GES) to assess and remediate the site as necessary.

REGULATORY NOTIFICATION:

Pursuant to Washington state regulations, any petroleum related releases are considered reportable. This release was estimated to be 100 gallons of diesel fuel and caused a road closure; therefore, regulatory notifications were required.

On May 29, 2024, at approximately 8:13 PM CDT, the CES incident manager verbally reported the release to the Washington Department of Ecology on behalf of LL. The duty officer did not issue a confirmation number to the release.

On May 29, 2024, at approximately 8:17 PM CDT, the CES incident manager verbally reported the release to the National Response Center on behalf of LL. The duty officer issued confirmation number 1400307 to the release.

REMEDIAL ACTIONS:

On May 29, 2024, at approximately 7:45 PM CDT, a crew from GES arrived on-site. Following a site assessment, GES personnel noted approximately 100 gallons of diesel fuel released to the asphalt surfaces of the roadway and soil surfaces adjacent to the roadway. GES personnel deployed granular absorbents to the impacted surfaces of the roadway and worked them in with hand tools. GES personnel then drained both saddle tanks of diesel fuel with a siphon pump. The full impact of the site could not be assessed and remediated due to the burned unit still being at the site. All diesel fuel impacted material was collected in two (2) 55-gallon drums for transport and disposal. GES secured the site and scheduled to return at a later date when the burned unit has been removed and the site could be fully assessed and remediated.

On June 7, 2024, at approximately 1:00 PM CDT, a crew from GES arrived on-site. Following a site assessment, GES personnel noted the burned unit had been removed and began delineating the site. GES personnel noted the diesel fuel impacted soil sections that needed to be excavated. GES personnel secured the site and scheduled to return at a later date for an excavation pending line locates.

On June 14, 2024, a crew from GES arrived on-site to collect samples to determine the extent of the impacted soil surfaces. Six (6) pre-excavation soil samples (1,2,3,4,5,6) were obtained from the site and placed into laboratory approved containers and transported under chain-of-custody protocol to Eurofins in Spokane, WA for analysis of North West- Total Petroleum Hydrocarbons (NW-TPH), GES personnel secured the site and demobilized.

On September 12, 2024, at approximately 10 AM CDT, a crew from GES arrived on-site for excavation. An archeologist representing the Confederated Tribes and Bands of the Yakama Nation (CTBYN) was on-site to ensure that if any cultural artifacts were removed during the excavation they would be preserved by the CTBYN. Once traffic control was put in place, GES personnel began utilizing machinery to remove impacted soils vertically and laterally until there was no further olfactory or visual evidence of diesel fuel impact in the soil. A photoionization detector (PID) indicated concentrations of diesel fuel in the soil were below the method detection limit. The archeologist representing the CTBYN found no cultural artifacts during the excavation. All diesel fuel impacted material was collected in two (2) roll-off boxes for transport and disposal. GES personnel backfilled the site with clean soil and graded the soil to match preexisting topography. GES personnel noted no further actions required on-site and crews demobilized.

On October 30, 2024, a crew from GES arrived onsite to collect confirmation soil samples. Six (6) confirmation soil samples (Clean 001), (Clean 002), (Clean 003), (Clean 004), (Clean 005) and (Clean 006) were obtained from the site and placed into laboratory approved containers and transported under chain-of-custody protocol to Eurofins in Spokane, WA for analysis of North West- Total Petroleum Hydrocarbons (NW-TPH). GES personnel secured the site and demobilized.

WASTE DISPOSAL:

On May 29, 2024, two (2) 55-gallon drums of contaminated debris was transported to, and disposed of at, GrayMar Environmental Services in Pasco, WA (see attached disposal documents).

On September 12, 2024, two (2) roll-off boxes containing 44.79 tons of diesel impacted soil and debris cleanup was transported to, and disposed of at, Greater Wenatchee Regional Landfill in Wenatchee, WA

(see attached disposal documents).

CONCLUSION AND RECOMMENDATIONS:

The diesel fuel was released to an impervious surface and the soil surfaces adjacent to the roadway. Remedial actions continued until no environmental impact was observed on the impervious surface through visual or olfactory indicators. The impacted soils were excavated and backfilled. The six (6) confirmation soil samples (Clean 001, Clean 002, Clean 003, Clean 004, Clean 005 and Clean 006) results reported concentrations of North West - Total Petroleum Hydrocarbons (NW-TPH) below the initial pre-excavation soil samples (see attached laboratory results). Based on these results, it appears that the remedial actions were successful and no further action should be required. CES recommends that the incident be closed.

Lineage Logistics and Cura Emergency Services, L.C. appreciates your assistance during this incident. If you have any questions, please feel free to call us at (972) 378-7333.

Respectfully,

Cura Emergency Services, L.C.

A handwritten signature in black ink that reads "Brandon Baumann". The signature is written in a cursive, flowing style.

Brandon Baumann

Incident Manager

Hazardous Materials Incident Report

Cura Emergency Services, L.C.

6205 Chapel Hill Boulevard, Suite 100

Plano, Texas 75093

Ph. (972) 378-7333 Fax (972) 378-6789

Hazardous Materials
Incident Report

Client File No : 1000191063

Project Number : EM243670S3 - BCB169

A. Incident Information :

Incident Manager : Brandon Baumann

Project No. : EM243670S3 - BCB169

Project Name : Lineage Logistics - Beverly - WA

Date of Loss : 5/29/2024

Time of Loss : 02:33 PM CDT

Date Reported : 5/29/2024

Time of Reported : 03:51 PM CDT

Person Reporting : Roger Kilstrom

Phone : _____

Driver : Kinsey Lee

Tractor # : 624104

Trailer # : _____

Incident Location Contact : _____

Phone : _____

Incident Location : Highway 243 between Lower Crab Creek Road SW & Exit A Street

City : Beverly

County : Grant

State : WA

Incident Description :

On May 29, 2024, at approximately 2:33 PM CDT, a tractor-trailer operated by Lineage Logistics (LL) was traveling at the above-referenced location when the unit veered onto the roadway shoulder and partially into a boulder field to avoid a collision with another vehicle. As a result, the unit caught on fire and approximately 100 gallons of diesel fuel was released to the asphalt surfaces of the roadway shoulder and to the soil surfaces adjacent to the roadway.

Surface Affected : Soil / grass Asphalt

Water Affected : None

Sensitive Report Impact :

None

B. Chemical Information

	Reportable Qty	Reported Volume	Actual* Volume	Gals /Lbs
Chemical : diesel fuel (generic)	any	unknown	100	Gals

*Unless specified in the Incident Description section, the "Actual Volume" is an estimate, based on the observations of the CES subcontractor

C. Health & Safety :

Site Monitoring (If Applicable) :

☐ Vapor Concentration (ppm) : unmetered

☐ Available Oxygen (%) : ambient

☐ LEL Exceeded

PPE :

☐ Level A ☐ Level C

☐ Level B ☒ Level D

☐ MSDS Attached

Site Special Precations :

No special precautions were noted for this site.

Site Condition :

No complicating conditions existed at the site during cleanup operations.

Injuries : Explain :

No injuries or fatalities that were a direct result of the released material were reported.

D . Emergency Response :

On May 29, 2024, at approximately 3:51 PM CDT, a representative from LL retained Cura Emergency Services, L.C. (CES) to manage the environmental remediation of the site on their behalf. Based on the available information, the CES incident manager dispatched a crew from GrayMar Environmental Services (GES) to assess and remediate the site as necessary.

E . Corrective Actions :

On May 29, 2024, at approximately 7:45 PM CDT, a crew from GES arrived on-site. Following a site assessment, GES personnel noted approximately 100 gallons of diesel fuel released to the asphalt surfaces of the roadway and soil surfaces adjacent to the roadway. GES personnel deployed granular absorbents to the impacted surfaces of the roadway and worked them in with hand tools. GES personnel then drained both saddle tanks of diesel fuel with a siphon pump. The full impact of the site could not be assessed and remediated due to the burned unit still being at the site. All diesel fuel impacted material was collected in two (2) 55-gallon drums for transport and disposal. GES secured the site and scheduled to return at a later date when the burned unit has been removed and the site could be fully assessed and remediated.

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F . Responsible Party Information :

Responsible Party : Lineage Logistics

RP Ref # : _____

Contact : Ms. Anna Shafer

Contact : _____ ☐ Send Report

Address : 101 Broome Corporate Parkway

Phone : 607.759-8711

City : Conklin

State : NY

Zip : 13748

Fax : _____

G . Regulatory Agencies

☒ Reportable Spill (Check if yes)

Explain : Pursuant to Washington state regulations, any petroleum related releases are considered reportable. This release was estimated to be 100 gallons of diesel fuel and caused a road closure; therefore, regulatory notifications were required.

Washington- DOE- Eastern Regional Office

Contact : Ms. Sara Fulton **Contact Date :** 5/29/2024

Address : 4601 North Monroe Street **Phone:** (509)329-3400 **Contact Time:** 08:13PM

City : Spokane **State :** WA **Zip:** 99205- **Fax :**

☐ **Report Required** **Confirmation No :**

Note :

National Response Center

Contact : **Contact Date :** 5/29/2024

Address : 2100 2nd Street, Southwest **Phone:** (800) 424-8802 **Contact Time:** 08:17PM

City : Washington **State :** DC **Zip:** 20593-0001 **Fax :**

☐ **Report Required** **Confirmation No :** 1400307

Note :

H . Disposal Facilities

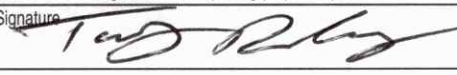
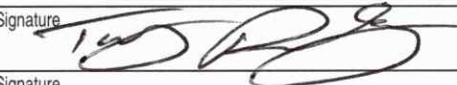

Waste Facility :	GrayMar Environmental Services		
Address :	602 N. California Ave		
City :	Pasco	State :	WA
Disposal Date :	05/29/2024		
Material :	contaminated debris		
Quantity :	2	Container Type/Measurement :	DM (Drums, Metal)
Federal ID No. :		State ID No. :	
Form Code :		Sorce Code :	
Federal Waste Code :		<input type="checkbox"/> Disposal Pending	<input type="checkbox"/> Federal Hazardous
State Waste Code :		<input type="checkbox"/> State Hazardous	<input checked="" type="checkbox"/> Non-Hazardous
		<input checked="" type="checkbox"/> Manifest Attached	

Waste Facility :	Greater Wenatchee Regional Landfill		
Address :	191 Webb Rd.		
City :	Wenatchee	State :	WA
Disposal Date :	09/12/2024		
Material :	diesel impacted soil and debris cleanup		
Quantity :	44.79	Container Type/Measurement :	Tons
Federal ID No. :		State ID No. :	
Form Code :		Sorce Code :	
Federal Waste Code :		<input type="checkbox"/> Disposal Pending	<input type="checkbox"/> Federal Hazardous
State Waste Code :		<input type="checkbox"/> State Hazardous	<input checked="" type="checkbox"/> Non-Hazardous
		<input checked="" type="checkbox"/> Manifest Attached	

I. Contractors

Company : <u>GrayMar Environmental Services</u>			
Contact Person: <u>Junior Mendoza</u>			
Address : <u>4005 E. B Street Building A Ste 101 and 102</u>		Phone : <u>(509)398-3577</u>	
City : <u>Pasco</u>	State : <u>WA</u>	Zip: <u>99301</u>	Fax: <u></u>
E-Mail : <u></u>			

Disposal Report

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number USQG	2. Page 1 of 1	3. Emergency Response Phone (866) 472-9627	4. Waste Tracking Number 52924GMP646-01
5. Generator's Name and Mailing Address Anaa Shaffer Lineage Logistics 1471 Broome Corporate Parkway Corkin, NY 13748			Generator's Site Address (if different than mailing address) Lineage Logistics Highway 243 SB Between Lower Crab Creek RD Beverly, WA 99321		
6. Transporter 1 Company Name Gray Mar Environmental Services			U.S. EPA ID Number WAH00055713		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Gray Mar Environmental Services 602 N California AVE Pasco, WA 99301			U.S. EPA ID Number		
Facility's Phone: (509) 771-7382					
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1. NOV RCPA Non Regulated material By DOT: (Contaminated Debris)		02	DM	800 P
	2.				
	3.				
4.					
13. Special Handling Instructions and Additional Information <div style="text-align: center;">Job # GMP-646 GMS# 2775495294</div>					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name OBO Lineage Logistics Tony Roseler			Signature 		Month Day Year 05 29 24
TRANSPORTER	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name Tony Roseler		Signature 		Month Day Year 05 29 24
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	17. Discrepancy				
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	Manifest Reference Number:				
	17b. Alternate Facility (or Generator)		U.S. EPA ID Number		
	Facility's Phone:				
17c. Signature of Alternate Facility (or Generator)					
Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Eric Stanford			Signature 		Month Day Year 05 29 24



Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 995210

Customer Name GRAYMAR ENVIRONMENTAL SERVICE Carrier GENERIC SELF HAUL
Ticket Date 09/12/2024 Vehicle# Corwin Co Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0508970
State Waste Code Gen EPA ID NA
Manifest 090424gmp64604 Grid
PO
Profile 119160WA (DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)
Generator LINEAGE LOGISTICS-243 LINEAGE LOGISTICS-243 BETWEEN A ST AND LOWER CRAB CREE

	Time	Scale	Operator	Inbound	Gross	
In	09/12/2024 11:32:48	Inbound	dmille39		Tare	87500 lb
Out	09/12/2024 11:47:09	Outbound	dmille39		Net	42300 lb
					Tons	45200 lb
						22.60

Comments

My signature certifies non-asbestos or hazardous waste in this load

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste Solid Oth-	100	22.60	Tons				GRANT
2 ENERGY-Energy Surc	100		%				GRANT
3 WWM-P-Waste Water	100		%				GRANT
4 CDHD FEE-Chelan Do	100	22.60	Tons				GRANT

Total Tax
Total Ticket

Driver's Signature

Corwin by DM

The total amount includes fees and taxes that may not all be listed on this ticket due to technical limitation.

Please print or type
(Space designated for use on side (1) only, typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 866-472-9627	4. Waste Tracking Number 090424CMP04604		
	5. Generator's Name and Mailing Address Lineage Logistics 601 S Pioneer Way #F218 Moscow Lake, WA 98837 Generator's Phone: 907-789-8711		Generator's Site Address (if different than mailing address) 243 Between A St and Lower Beverly, WA 99321			
	6. Transporter 1 Company Name Graymer Environmental Services		U.S. EPA ID Number WAH000055713			
	7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Greater Wenatchee Regional Landfill 191 Webb Place South East Wenatchee, WA 98807 Facility's Phone: 5098842802		U.S. EPA ID Number				
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. NONDOT REGULATED MATERIAL (DIESEL IMPACTED SOIL AND/OR DEBRIS CLEANUP 119160WA)		1	CM	27	r
	2.					
	3.					
4.						
13. Special Handling Instructions and Additional Information 01: (119160WA) Diesel Impacted Soil and/or Debris Cleanup 119160WA PO# GMP646						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. Generator's/Officer's Printed/Typed Name: OBO Lineage Logistics Signature: Miguel Ortega Month: 9 Day: 12 Year: 24						
INTL	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Marklyn Jensen Signature: Marklyn Jensen Month: 9 Day: 12 Year: 24 Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:					
	17. Discrepancy 17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number: 17b. Alternate Facility (or Generator) Facility's Phone: 17c. Signature of Alternate Facility (or Generator) Month: Day: Year:					
DESIGNATED FACILITY	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a Printed/Typed Name: J. Miller Signature: J. Miller Month: 9 Day: 12 Year: 24					



Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 995199

Customer Name GRAYMAR ENVIRONMENTAL SERVICE Carrier Graymar
Ticket Date 09/12/2024 Vehicle# DT1100 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0508970
State Waste Code Gen EPA ID NA
Manifest 090424GMP64601
Destination Grid
PO
Profile 119160WA (DIESEL FUEL IMPACTED SOIL AND/OR DEBRIS CLEANUP)
Generator LINEAGE LOGISTICS-243 LINEAGE LOGISTICS-243 BETWEEN A ST AND LOWER CRAB CREE

	Time	Scale	Operator	Inbound	Gross	
In	09/12/2024 10:59:42	Inbound	dmille39		Tare	40020 lb
Out	09/12/2024 11:28:53	Outbound	dmille39		Net	44380 lb
					Tons	22.19

Comments

My signature certifies non-asbestos or hazardous waste in this load

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste Solid Oth-	100	22.19	Tons				GRANT
2 ENERGY-Energy Surc	100		%				GRANT
3 WWM-P-Waste Water	100		%				GRANT
4 CDHD FEE-Chelan Do	100	22.19	Tons				GRANT

Total Tax
Total Ticket

Driver's Signature

DM 4 Graymar

The total amount includes fees and taxes that may not all be listed on this ticket due to technic limitation.

Please print or type
(Form designed for use on site (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 866-472-9627	4. Waste Tracking Number 090424GMP64601	
5. Generator's Name and Mailing Address Lineage Logistics 601 S Pioneer Way #F218 Moses Lake, WA 98837 Generator's Phone: 807-759-8711			Generator's Site Address (if different than mailing address) 243 Between A ST and Lower Beverly, WA 99321			
6. Transporter 1 Company Name Graymar Environmental Services			U.S. EPA ID Number WAH000055713			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Greater Wenatchee Regional Landfill 191 Webb Place South East Wenatchee, WA 98807 Facility's Phone: 5098842602			U.S. EPA ID Number			
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. NONDOT REGULATED MATERIAL (DIESEL IMPACTED SOIL AND/OR DEBRIS CLEANUP 119160WA)		1	CM	18 no	T
	2.					
	3.					
4.						
13. Special Handling Instructions and Additional Information 01: (119160WA) Diesel Impacted Soil and/or Debris Cleanup 119160WA PO# GMP646						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name OBO Lineage Logistics Miguel Ortega						
Signature Miguel Ortega						
Month Day Year 9 12 24						
INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name Fidm Ortega		Signature Fidm Ortega		Month Day Year 09 12 24	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	17. Discrepancy					
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	Manifest Reference Number:					
	17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
	Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)						
Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a.						
Printed/Typed Name D. Miller						
Signature D. Miller						
Month Day Year 10 3 24						

Analytical

ANALYTICAL REPORT

PREPARED FOR

Attn: Junior Mendoza
Graymar Environmental Services Inc
602 N California Ave
Pasco, Washington 99301

Generated 6/28/2024 8:48:45 AM

JOB DESCRIPTION

Cura

JOB NUMBER

590-25390-1

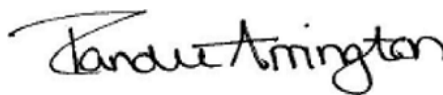
Eurofins Spokane

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
6/28/2024 8:48:45 AM

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



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Case Narrative

Client: Graymar Environmental Services Inc
Project: Cura

Job ID: 590-25390-1

Job ID: 590-25390-1

Eurofins Spokane

Job Narrative 590-25390-1

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 6/17/2024 11:00 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 15.4°C.

Hydrocarbons

Method NWTPH_Dx: Detected hydrocarbons in the diesel range appear to be due to a non-typical pattern.

2 (590-25390-2) and 4 (590-25390-4)

Method NWTPH_Dx: Surrogate recovery for the following sample was outside control limits: 2 (590-25390-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method NWTPH_Dx: Detected hydrocarbons in the diesel range appear to be due to a non-typical pattern.

1 (590-25390-1) and 6 (590-25390-6)

Method NWTPH_Dx: The following samples required a dilution due to the nature of the sample matrix: 1 (590-25390-1) and 3 (590-25390-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-25390-1	1	Solid	06/14/24 08:00	06/17/24 11:00
590-25390-2	2	Solid	06/14/24 08:00	06/17/24 11:00
590-25390-3	3	Solid	06/14/24 08:00	06/17/24 11:00
590-25390-4	4	Solid	06/14/24 08:00	06/17/24 11:00
590-25390-5	5	Solid	06/14/24 08:00	06/17/24 11:00
590-25390-6	6	Solid	06/14/24 08:00	06/17/24 11:00

Definitions/Glossary

Client: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

Client Sample ID: 1

Lab Sample ID: 590-25390-1

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 89.4

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)	120000		1100		mg/Kg	☼	06/18/24 10:57	06/20/24 16:04	100
Residual Range Organics (RRO) (C25-C36)	14000		2800		mg/Kg	☼	06/18/24 10:57	06/20/24 16:04	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	242	S1+	50 - 150				06/18/24 10:57	06/20/24 16:04	100
n-Triacontane-d62	308	S1+	50 - 150				06/18/24 10:57	06/20/24 16:04	100

Client Sample ID: 2

Lab Sample ID: 590-25390-2

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 95.3

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)	28000		99		mg/Kg	☼	06/18/24 10:57	06/18/24 23:14	10
Residual Range Organics (RRO) (C25-C36)	1100		250		mg/Kg	☼	06/18/24 10:57	06/18/24 23:14	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	54948	S1+	50 - 150				06/18/24 10:57	06/18/24 23:14	10
n-Triacontane-d62	120		50 - 150				06/18/24 10:57	06/18/24 23:14	10

Client Sample ID: 3

Lab Sample ID: 590-25390-3

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 95.3

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)	480		10		mg/Kg	☼	06/18/24 10:57	06/20/24 16:26	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	☼	06/18/24 10:57	06/20/24 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	20	S1-	50 - 150				06/18/24 10:57	06/20/24 16:26	1
n-Triacontane-d62	3	S1-	50 - 150				06/18/24 10:57	06/20/24 16:26	1

Client Sample ID: 4

Lab Sample ID: 590-25390-4

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 98.6

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)	20		9.6		mg/Kg	☼	06/18/24 10:57	06/19/24 00:18	1
Residual Range Organics (RRO) (C25-C36)	88		24		mg/Kg	☼	06/18/24 10:57	06/19/24 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150				06/18/24 10:57	06/19/24 00:18	1
n-Triacontane-d62	98		50 - 150				06/18/24 10:57	06/19/24 00:18	1

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Client Sample Results

Client: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

Client Sample ID: 5

Lab Sample ID: 590-25390-5

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 99.5

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		9.6		mg/Kg	☼	06/18/24 10:57	06/19/24 00:40	1
Residual Range Organics (RRO) (C25-C36)	ND		24		mg/Kg	☼	06/18/24 10:57	06/19/24 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	83		50 - 150				06/18/24 10:57	06/19/24 00:40	1
<i>n</i> -Triacontane-d62	83		50 - 150				06/18/24 10:57	06/19/24 00:40	1

Client Sample ID: 6

Lab Sample ID: 590-25390-6

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 99.6

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)	120		9.5		mg/Kg	☼	06/18/24 10:57	06/20/24 16:48	1
Residual Range Organics (RRO) (C25-C36)	190		24		mg/Kg	☼	06/18/24 10:57	06/20/24 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	100		50 - 150				06/18/24 10:57	06/20/24 16:48	1
<i>n</i> -Triacontane-d62	96		50 - 150				06/18/24 10:57	06/20/24 16:48	1

QC Sample Results

Client: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

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

Lab Sample ID: MB 590-47933/1-A

Matrix: Solid

Analysis Batch: 47946

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg		06/18/24 10:57	06/18/24 20:42	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		06/18/24 10:57	06/18/24 20:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	86		50 - 150				06/18/24 10:57	06/18/24 20:42	1
<i>n</i> -Triacontane-d62	83		50 - 150				06/18/24 10:57	06/18/24 20:42	1

Lab Sample ID: LCS 590-47933/2-A

Matrix: Solid

Analysis Batch: 47946

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	55.4		mg/Kg		83	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	56.9		mg/Kg		85	50 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
<i>o</i> -Terphenyl	95		50 - 150				
<i>n</i> -Triacontane-d62	95		50 - 150				

Lab Chronicle

Client: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

Client Sample ID: 1

Date Collected: 06/14/24 08:00

Date Received: 06/17/24 11:00

Lab Sample ID: 590-25390-1

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			47934	06/18/24 11:26	MRV	EET SPK

Client Sample ID: 1

Date Collected: 06/14/24 08:00

Date Received: 06/17/24 11:00

Lab Sample ID: 590-25390-1

Matrix: Solid

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.02 g	5 mL	47933	06/18/24 10:57	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		100	1 mL	1 mL	48002	06/20/24 16:04	NMI	EET SPK

Client Sample ID: 2

Date Collected: 06/14/24 08:00

Date Received: 06/17/24 11:00

Lab Sample ID: 590-25390-2

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			47934	06/18/24 11:26	MRV	EET SPK

Client Sample ID: 2

Date Collected: 06/14/24 08:00

Date Received: 06/17/24 11:00

Lab Sample ID: 590-25390-2

Matrix: Solid

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.94 g	5 mL	47933	06/18/24 10:57	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		10	1 mL	1 mL	47946	06/18/24 23:14	NMI	EET SPK

Client Sample ID: 3

Date Collected: 06/14/24 08:00

Date Received: 06/17/24 11:00

Lab Sample ID: 590-25390-3

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			47934	06/18/24 11:26	MRV	EET SPK

Client Sample ID: 3

Date Collected: 06/14/24 08:00

Date Received: 06/17/24 11:00

Lab Sample ID: 590-25390-3

Matrix: Solid

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.36 g	5 mL	47933	06/18/24 10:57	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	48002	06/20/24 16:26	NMI	EET SPK

Client Sample ID: 4

Date Collected: 06/14/24 08:00

Date Received: 06/17/24 11:00

Lab Sample ID: 590-25390-4

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			47934	06/18/24 11:26	MRV	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

Client Sample ID: 4

Lab Sample ID: 590-25390-4

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.83 g	5 mL	47933	06/18/24 10:57	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47946	06/19/24 00:18	NMI	EET SPK

Client Sample ID: 5

Lab Sample ID: 590-25390-5

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

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			47934	06/18/24 11:26	MRV	EET SPK

Client Sample ID: 5

Lab Sample ID: 590-25390-5

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.74 g	5 mL	47933	06/18/24 10:57	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	47946	06/19/24 00:40	NMI	EET SPK

Client Sample ID: 6

Lab Sample ID: 590-25390-6

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

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			47934	06/18/24 11:26	MRV	EET SPK

Client Sample ID: 6

Lab Sample ID: 590-25390-6

Date Collected: 06/14/24 08:00

Matrix: Solid

Date Received: 06/17/24 11:00

Percent Solids: 99.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.85 g	5 mL	47933	06/18/24 10:57	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	48002	06/20/24 16:48	NMI	EET SPK

Laboratory References:

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

Accreditation/Certification Summary

Client: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-07-25
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: Graymar Environmental Services Inc
Project/Site: Cura

Job ID: 590-25390-1

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

Regulatory Program ☒ DW ☐ NPDES ☐ RCRA ☐ Other:[illegible]

Login Sample Receipt Checklist

Client: Graymar Environmental Services Inc

Job Number: 590-25390-1

Login Number: 25390

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.	False	Cooler temperature outside required temperature criteria.
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Junior Mendoza
Graymar Environmental Services Inc
602 N California Ave
Pasco, Washington 99301

Generated 11/1/2024 4:42:29 PM

JOB DESCRIPTION

CURA: GMP-646

JOB NUMBER

590-27831-1

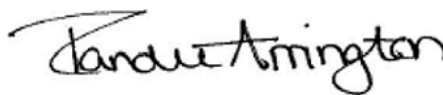
Eurofins Spokane

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



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Authorized for release by
Randee Arrington, Business Unit Manager
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(509)924-9200



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Case Narrative

Client: Graymar Environmental Services Inc
Project: CURA: GMP-646

Job ID: 590-27831-1

Job ID: 590-27831-1

Eurofins Spokane

Job Narrative 590-27831-1

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 10/31/2024 10:14 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 5.4°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: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-27831-1	Clean 001	Solid	10/30/24 07:00	10/31/24 10:14
590-27831-2	Clean 002	Solid	10/30/24 07:05	10/31/24 10:14
590-27831-3	Clean 003	Solid	10/30/24 07:10	10/31/24 10:14
590-27831-4	Clean 004	Solid	10/30/24 07:15	10/31/24 10:14
590-27831-5	Clean 005	Solid	10/30/24 07:20	10/31/24 10:14
590-27831-6	Clean 006	Solid	10/30/24 07:25	10/31/24 10:14

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

Definitions/Glossary

Client: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

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: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

Client Sample ID: Clean 001

Lab Sample ID: 590-27831-1

Date Collected: 10/30/24 07:00

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.7

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)	ND		9.5		mg/Kg	☼	10/31/24 12:03	10/31/24 23:02	1
Residual Range Organics (RRO) (C25-C36)	37		24		mg/Kg	☼	10/31/24 12:03	10/31/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	80		50 - 150				10/31/24 12:03	10/31/24 23:02	1
<i>n</i> -Triacontane-d62	89		50 - 150				10/31/24 12:03	10/31/24 23:02	1

Client Sample ID: Clean 002

Lab Sample ID: 590-27831-2

Date Collected: 10/30/24 07:05

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.3

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		9.8		mg/Kg	☼	10/31/24 12:03	10/31/24 23:44	1
Residual Range Organics (RRO) (C25-C36)	58		25		mg/Kg	☼	10/31/24 12:03	10/31/24 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	82		50 - 150				10/31/24 12:03	10/31/24 23:44	1
<i>n</i> -Triacontane-d62	93		50 - 150				10/31/24 12:03	10/31/24 23:44	1

Client Sample ID: Clean 003

Lab Sample ID: 590-27831-3

Date Collected: 10/30/24 07:10

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.3

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		9.8		mg/Kg	☼	10/31/24 12:03	11/01/24 00:25	1
Residual Range Organics (RRO) (C25-C36)	35		25		mg/Kg	☼	10/31/24 12:03	11/01/24 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	85		50 - 150				10/31/24 12:03	11/01/24 00:25	1
<i>n</i> -Triacontane-d62	97		50 - 150				10/31/24 12:03	11/01/24 00:25	1

Client Sample ID: Clean 004

Lab Sample ID: 590-27831-4

Date Collected: 10/30/24 07:15

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.5

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		9.8		mg/Kg	☼	10/31/24 12:03	11/01/24 00:46	1
Residual Range Organics (RRO) (C25-C36)	120		24		mg/Kg	☼	10/31/24 12:03	11/01/24 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	84		50 - 150				10/31/24 12:03	11/01/24 00:46	1
<i>n</i> -Triacontane-d62	94		50 - 150				10/31/24 12:03	11/01/24 00:46	1

Eurofins Spokane

Client Sample Results

Client: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

Client Sample ID: Clean 005

Lab Sample ID: 590-27831-5

Date Collected: 10/30/24 07:20

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.7

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)	ND		9.8		mg/Kg	☼	10/31/24 12:03	11/01/24 01:07	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	☼	10/31/24 12:03	11/01/24 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	88		50 - 150				10/31/24 12:03	11/01/24 01:07	1
<i>n</i> -Triacontane-d62	96		50 - 150				10/31/24 12:03	11/01/24 01:07	1

Client Sample ID: Clean 006

Lab Sample ID: 590-27831-6

Date Collected: 10/30/24 07:25

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.4

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		10		mg/Kg	☼	10/31/24 12:03	11/01/24 01:28	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	☼	10/31/24 12:03	11/01/24 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	91		50 - 150				10/31/24 12:03	11/01/24 01:28	1
<i>n</i> -Triacontane-d62	103		50 - 150				10/31/24 12:03	11/01/24 01:28	1

QC Sample Results

Client: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

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

Lab Sample ID: MB 590-50599/1-A

Matrix: Solid

Analysis Batch: 50600

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg		10/31/24 12:03	10/31/24 22:20	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		10/31/24 12:03	10/31/24 22:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	82		50 - 150				10/31/24 12:03	10/31/24 22:20	1
<i>n</i> -Triacontane-d62	95		50 - 150				10/31/24 12:03	10/31/24 22:20	1

Lab Sample ID: LCS 590-50599/2-A

Matrix: Solid

Analysis Batch: 50600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	57.1		mg/Kg		86	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	66.6		mg/Kg		100	50 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
<i>o</i> -Terphenyl	88		50 - 150				
<i>n</i> -Triacontane-d62	98		50 - 150				

Lab Sample ID: 590-27831-1 DU

Matrix: Solid

Analysis Batch: 50600

Client Sample ID: Clean 001

Prep Type: Total/NA

Prep Batch: 50599

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	ND		ND		mg/Kg	⊛	19	40
Residual Range Organics (RRO) (C25-C36)	37		47.2		mg/Kg	⊛	23	40
Surrogate	DU %Recovery	DU Qualifier	Limits					
<i>o</i> -Terphenyl	87		50 - 150					
<i>n</i> -Triacontane-d62	97		50 - 150					

Lab Sample ID: 590-27831-2 DU

Matrix: Solid

Analysis Batch: 50600

Client Sample ID: Clean 002

Prep Type: Total/NA

Prep Batch: 50599

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	ND		ND		mg/Kg	⊛	NC	40
Residual Range Organics (RRO) (C25-C36)	58		28.4	F3	mg/Kg	⊛	68	40
Surrogate	DU %Recovery	DU Qualifier	Limits					
<i>o</i> -Terphenyl	81		50 - 150					

Eurofins Spokane

QC Sample Results

Client: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

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

Lab Sample ID: 590-27831-2 DU
Matrix: Solid
Analysis Batch: 50600

Client Sample ID: Clean 002
Prep Type: Total/NA
Prep Batch: 50599

Surrogate	DU DU		Limits
	%Recovery	Qualifier	
n-Triacontane-d62	91		50 - 150

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

Lab Chronicle

Client: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

Client Sample ID: Clean 001

Date Collected: 10/30/24 07:00

Date Received: 10/31/24 10:14

Lab Sample ID: 590-27831-1

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			50603	10/31/24 13:42	MRV	EET SPK

Client Sample ID: Clean 001

Date Collected: 10/30/24 07:00

Date Received: 10/31/24 10:14

Lab Sample ID: 590-27831-1

Matrix: Solid

Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.93 g	5 mL	50599	10/31/24 12:03	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	50600	10/31/24 23:02	NMI	EET SPK

Client Sample ID: Clean 002

Date Collected: 10/30/24 07:05

Date Received: 10/31/24 10:14

Lab Sample ID: 590-27831-2

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			50603	10/31/24 13:42	MRV	EET SPK

Client Sample ID: Clean 002

Date Collected: 10/30/24 07:05

Date Received: 10/31/24 10:14

Lab Sample ID: 590-27831-2

Matrix: Solid

Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.50 g	5 mL	50599	10/31/24 12:03	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	50600	10/31/24 23:44	NMI	EET SPK

Client Sample ID: Clean 003

Date Collected: 10/30/24 07:10

Date Received: 10/31/24 10:14

Lab Sample ID: 590-27831-3

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			50603	10/31/24 13:42	MRV	EET SPK

Client Sample ID: Clean 003

Date Collected: 10/30/24 07:10

Date Received: 10/31/24 10:14

Lab Sample ID: 590-27831-3

Matrix: Solid

Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.53 g	5 mL	50599	10/31/24 12:03	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	50600	11/01/24 00:25	NMI	EET SPK

Client Sample ID: Clean 004

Date Collected: 10/30/24 07:15

Date Received: 10/31/24 10:14

Lab Sample ID: 590-27831-4

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			50603	10/31/24 13:42	MRV	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

Client Sample ID: Clean 004

Lab Sample ID: 590-27831-4

Date Collected: 10/30/24 07:15

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.58 g	5 mL	50599	10/31/24 12:03	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	50600	11/01/24 00:46	NMI	EET SPK

Client Sample ID: Clean 005

Lab Sample ID: 590-27831-5

Date Collected: 10/30/24 07:20

Matrix: Solid

Date Received: 10/31/24 10:14

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			50603	10/31/24 13:42	MRV	EET SPK

Client Sample ID: Clean 005

Lab Sample ID: 590-27831-5

Date Collected: 10/30/24 07:20

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.45 g	5 mL	50599	10/31/24 12:03	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	50600	11/01/24 01:07	NMI	EET SPK

Client Sample ID: Clean 006

Lab Sample ID: 590-27831-6

Date Collected: 10/30/24 07:25

Matrix: Solid

Date Received: 10/31/24 10:14

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			50603	10/31/24 13:42	MRV	EET SPK

Client Sample ID: Clean 006

Lab Sample ID: 590-27831-6

Date Collected: 10/30/24 07:25

Matrix: Solid

Date Received: 10/31/24 10:14

Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.16 g	5 mL	50599	10/31/24 12:03	MRV	EET SPK
Total/NA	Analysis	NWTPH-Dx		1	1 mL	1 mL	50600	11/01/24 01:28	NMI	EET SPK

Laboratory References:

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

Accreditation/Certification Summary

Client: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-07-25
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: Graymar Environmental Services Inc
Project/Site: CURA: GMP-646

Job ID: 590-27831-1

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

>>> Select a Laboratory <<<

#N/A

#N/A

#N/A

#N/A

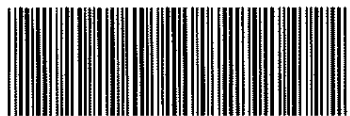
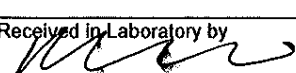
Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact GrayMar Environmental Services 602 N California Ave Pasco, WA 99301 Phone: (509) 771 7382 FAX: Email: rrosalez@graymarenv.com Project Name: CURA. GMP-646 Site: Beverly WA P.O. # GMP-646		Project Manager: Tony Rosalez Tel/Fax: (509) 771-7382 Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input checked="" type="checkbox"/> 1 day		Site Contact: Lab Contact:		Date: 10/30/2024 Carrier:		COC No: ____ 1 ____ of ____ 1 ____ COCs Sampler: For Lab Use Only: Walk-in Client. _____ Lab Sampling _____ Job / SDG No. _____ Sample Specific Notes.									
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/8250C	NWTPH-DX	PAH	BENZENE						
Clean 001	10/30/24	0700	G		1				X								
Clean 002	10/30/24	0705	G		1				X								
Clean 003	10/30/24	0710	G		1				X								
Clean 004	10/30/24	0715	G		1				X								
Clean 005	10/30/24	0720	G		1				X								
Clean 006	10/30/24	0725	G		1				X								
												 590-27831 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 <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments																	
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No. _____ Cooler Temp. (°C) Obs'd: <u>4.9</u> Cor'd: <u>5.4</u> Therm ID No. <u>122010</u>																	
Relinquished by: Tony Rosalez		Company: GrayMar Environmental		Date/Time: 10-30-24 / 11:30am		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 800		Date/Time: 10/31/24 10/4							

Login Sample Receipt Checklist

Client: Graymar Environmental Services Inc

Job Number: 590-27831-1

Login Number: 27831

List Number: 1

Creator: Morris, Mackenzie 1

List Source: Eurofins Spokane

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	

PHOTOS / MAPS



Excavation underway



excavation underway



excavation in progress



machinery being utilized



backfilling at the site



backfilling at the site



wrapping up excavation



wrapping up excavation



arrival at the site



burned unit



burned unit



site upon arrival



burned area around unit



burned area around unit



burned area around unit



damaged saddle tank

CC: *Lineage Logistics*
Ms. Anna Shafer
101 Broome Corporate Parkway
Conklin, NY 13748
ashafer@lineagelogistics.com