



Incident ID: nKL1626529955

Reclamation Closure

Lynx Federal #001

Vertex File Number: 25A-03812

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

October 2025

Devon Energy Production Company, LP
Lynx Federal #001

Reclamation Closure
October 2025

Reclamation Closure
Lynx Federal #001

Prepared for:

Devon Energy Production Company LP
5315 Buena Vista Dr
Carlsbad, New Mexico 88220

Prepared by:

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, New Mexico 88220

Katrina Taylor

Katrina Taylor, B.Sc.
ENVIRONMENTAL TECHNICAN, REPORTING

October 9, 2025

Date

Sally Carttar

Sally Carttar, B.A.
PROJECT MANAGER, REPORT REVIEW

November 18, 2025

Date

Devon Energy Production Company, LP
Lynx Federal #001

Reclamation Closure
October 2025

Executive Summary

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to complete a reclamation closure for the Lynx Federal 1 located on federal land in Unit O, Section 15, Township 17 South, Range 32 East (hereafter referred to as "site"). The final site visit was conducted on July 15, 2025.

The incident was remediated to reclamation criteria at the time of the closure then backfilled with clean locally sourced material. A sample of the backfill was submitted for laboratory analysis, analyzed for contaminants, and found to be below the strictest criteria. The soil quality of the backfill was tested and compared to the soil quality in the surrounding undisturbed pastureland. The soil samples were field tested for pH, nitrogen, phosphorous, and potassium. Results showed comparable concentrations of nutrients.

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Devon Energy Production Company, LP
Lynx Federal #001

Reclamation Closure
October 2025

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1.0 Site Evaluation

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to complete a Reclamation Closure for the Lynx Federal 1 located on federal land in Unit O, Section 15, Township 17 South, Range 32 East (hereafter referred to as "site"). The final site visit was conducted on July 15, 2025.

The site had been previously excavated to reclamation criteria by Vertex (Table 1). The Remediation Closure Report was accepted by New Mexico Oil and Gas Division (NMOCD) on August 9, 2025. The release area encompassed areas both on the decommissioned production pad and in the pastureland. Areas on the decommissioned production pad are no longer necessary for oil and gas production, and as such will be treated as pastureland for the purpose of this report.

2.0 Reclamation Compliance

2.1 Backfill Placement and Sample

The site was originally backfilled, contoured to match the surrounding landscape, and placed to minimize erosion by April 30, 2024, upon the completion of the remediation. A sample of the backfill was collected on April 30, 2024, and analyzed for contaminants regulated in the New Mexico Administrative Code 19.15.29.12 Table 1 by Eurofins Laboratory. Analysis showed the backfill sample to be in compliance with reclamation standards (Appendix B). Photographs of the backfill are included in Appendix A.

2.2 Backfill Quality in the Pastureland

A sample of the topsoil used to backfill the top 1 foot of the pastureland was analyzed for soil quality using nearby historically undisturbed pastureland as a control. The two samples were field analyzed for pH, nitrogen, phosphorous, and potassium.

The pH was evaluated using a pH indicator and categorized as alkaline, neutral, or acidic. Nutrient concentrations for nitrogen, phosphorus, and potassium were assigned qualitative rankings of very low, low, medium, or high based on optical density. These rankings were standardized by placing the vials against a white background and referencing a color chart. Additionally, visual comparisons of sample opacity were used to assess relative nutrient concentrations between the backfill and control samples.

The pH of both the backfill and pastureland was neutral. The phosphorus, nitrogen, and potassium concentration of the backfill and pastureland was comparable for both with qualitative rankings of medium, very low, and low, respectively

This establishes the backfill as a comparable quality to the surrounding pastureland, supporting its suitability for reclamation use (Appendix B).

2.3 Regrowth in the Pastureland

The former excavation area was at approximately 40 to 50% vegetation coverage compared to that of pre-disturbance levels on July 15, 2025. The primary species present in the former excavation area were cowpen

daisies, othake, Harvard oak, and nightshade. The surrounding undisturbed pastureland was primarily composed of native grasses and prairie sunflowers with some cowpen daisies, othake, Harvard oak, and nightshade present. The regrowth in the backfill area supports that the clean nutrient-rich topsoil is capable of supporting native revegetation.

3.0 Revegetation Plan and Monitoring Program

Bi-annual inspections will be conducted during the growing season to monitor site progression and assess the need for any additional best management practices (BMPs). Inspections will include photographs of the site and BMPs implemented.

3.1 Final Assessment

During the bi-annual inspections, if site conditions are at or nearing background conditions, a final revegetation report will be completed. The report will provide a summary of restoration work performed, a summary and interpretation of monitoring data collected, and interpretation of historical monitoring data, if applicable.

4.0 Reclamation Closure Request

Vertex requests on behalf of Devon that this Reclamation Closure is accepted for incident nKL1626529955.

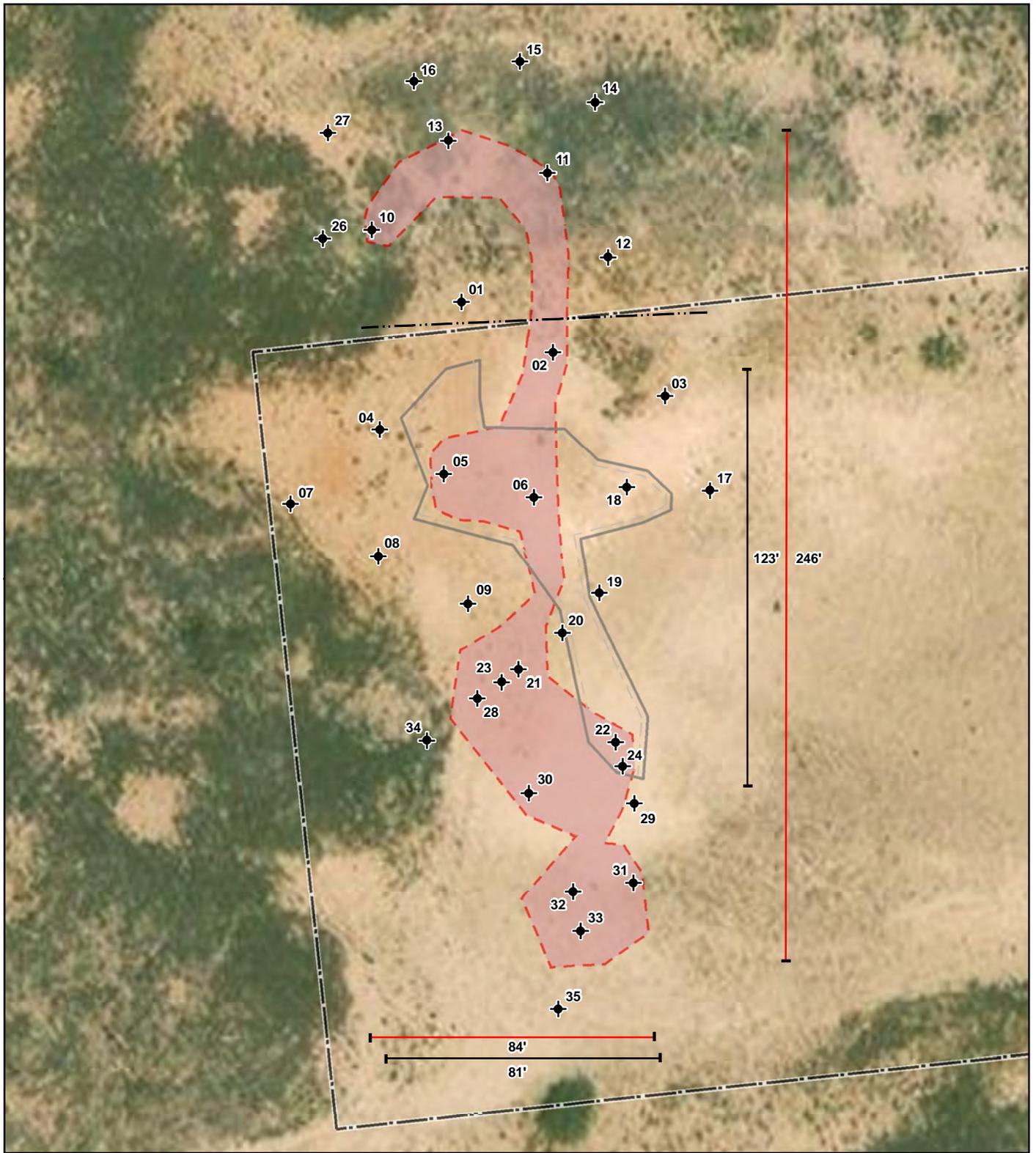
Should you have any questions or concerns, please do not hesitate to contact Sally Carttar at 575.361.3561 or scarttar@vertexresource.com

5.0 Limitations

This report has been prepared for the sole benefit of Devon Energy Production Company, LP. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and the Bureau of Land Management, without the express written consent of Vertex Resource Services Inc. (Vertex) and Devon Energy Production Company, LP. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

FIGURES



- ◆ Borehole (Prefixed by "BH23-"/ "BH24-")
- ▭ Approximate Release Area (~6,270 sq. ft.)
- ▭ Approximate Lease Boundary
- Pipeline (Underground)
- ▭ Approximate Former Delineation & Excavation to 3.5-5 ft (~ 3,399 sq. ft.)



0 5 10 20 ft
 NAD 1983 UTM Zone 13N
 Date: May 10/24

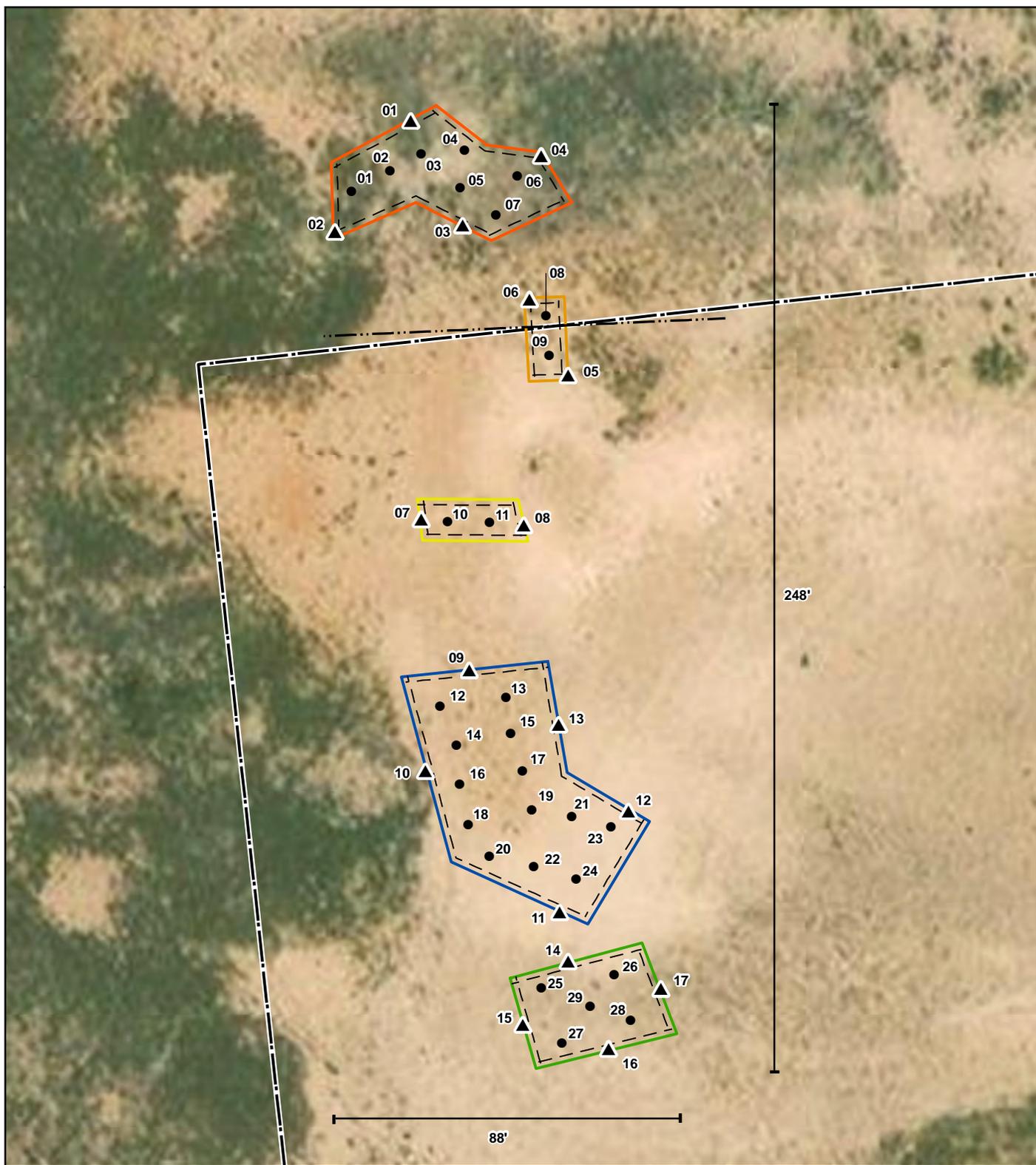
Map Center:
 Lat: 32.829219,
 Long:-103.753747

Characterization Sampling Site Schematic Lynx Federal 1



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes. Note: Georeferenced image from Esri, 2023. Site features from GPS by Vertex Professional Services Ltd. (VPS), 2024. Approximate lease boundary from imagery by VPS, 2024.

Document Path: S:\04 - Geomatics\1-Projects\US PROJECTS\Devon Energy Corporation\2023\23E-02964 - Lynx Federal 1\Figure 1 Characterization Sampling Schematic(23E-02964)\D18383.mxd



- Base Sample (Prefixed by "BS24-")
- ▲ Wall Sample (Prefixed by "WS24-")
- Pipeline (Underground)
- Excavation to 4' bgs (~ 1,267 sq. ft.)
- Excavation to 4' bgs (~ 282 sq. ft.)
- Excavation to 4' bgs (~ 2,410 sq. ft.)
- Excavation to 4.5' bgs (~ 883 sq. ft.)
- Approximate Lease Boundary



0 5 10 20 ft
 NAD 1983 UTM Zone 13N
 Date: May 15/24

Map Center:
 Lat: 32.829247,
 Long: -103.753732

Confirmation Sampling Site Schematic Lynx Federal 1



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2023. Site features from GPS by Vertex Professional Services Ltd. (VPS), 2024. Approximate lease boundary from imagery by VPS, 2024.

TABLES

Client Name: Devon Energy Production, LP
 Site Name: Lynx Federal 1
 NMOCD Tracking #: nKL1626529955
 Project #: 25A-03812
 Lab Reports: 885-3734-1, 885-4368-1 and 885-5414-1

Table 1. Confirmation Laboratory Results - Depth to Groundwater 51-100 feet bgs

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
Backfill Samples										
Backfill-01 (Topsoil)	-	April 30, 2024	ND	ND	ND	ND	ND	ND	ND	ND
Backfill-02 (Caliche)	-	April 30, 2024	ND	ND	ND	ND	ND	ND	ND	ND
Wall Samples										
WS24-01	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	230
WS24-02	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	ND
WS24-03	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	660
		May 30, 2024	ND	ND	ND	ND	ND	ND	ND	93
WS24-04	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	370
WS24-05	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	80
WS24-06	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	200
WS24-07	0 - 4	May 9, 2024	ND	ND	ND	62	64	62	126	120
		May 30, 2024	ND	ND	ND	ND	ND	ND	ND	ND
WS24-08	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	280
WS24-09	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	87
WS24-10	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	94
WS24-11	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	120
WS24-12	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	110
WS24-13	0 - 4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	100
WS24-14	0 - 5	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	88
WS24-15	0 - 5	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	92
WS24-16	0 - 5	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	91
WS24-17	0 - 5	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	61
Base Samples										
BS24-01	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	460
BS24-02	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	1400
BS24-03	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	1400
BS24-04	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	2700
BS24-05	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	2200
BS24-06	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	1800
BS24-07	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	2300



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Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BS24-08	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	240
BS24-09	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	490
BS24-10	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	550
BS24-11	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	510
BS24-12	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	150
BS24-13	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	130
BS24-14	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	240
BS24-15	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	280
BS24-16	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	180
BS24-17	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	130
BS24-18	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	220
BS24-19	4	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	120
BS24-20	4	May 9, 2024	ND	ND	ND	9.6	ND	9.6	9.6	110
BS24-21	4	May 9, 2024	ND	ND	ND	34	70	34	104	150
BS24-22	4	May 9, 2024	ND	ND	ND	210	300	210	510	120
BS24-23	4	May 9, 2024	ND	ND	ND	31	67	31	98	140
BS24-24	4	May 9, 2024	ND	ND	ND	13	ND	13	13	120
BS24-25	5	May 9, 2024	ND	ND	ND	ND	ND	ND	ND	96
BS24-26	5	May 9, 2024	ND	ND	ND	37	140	37	177	100
BS24-27	5	May 9, 2024	ND	ND	ND	69	160	69	229	94
BS24-28	5	May 9, 2024	ND	ND	ND	120	280	120	400	110
BS24-29	5	May 9, 2024	ND	ND	ND	46	120	46	166	93

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and green shaded indicates exceedance outside of NMOCD Reclamation Closure Criteria



APPENDIX A – Daily Field Reports



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	5/9/2024
Site Location Name:	Lynx Federal 1	Report Run Date:	5/9/2024 11:14 PM
Client Contact Name:	Dale Woodall	API #:	30-025-27861
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	5/9/2024 9:10 AM
Departed Site	5/9/2024 4:05 PM

Field Notes

- 9:36** Arrived on site, examined site for hazards and completed safety assessment for job and documents.
- 15:59** Collected 5-point composite within 200 square feet of less of excavation wall samples WS24-01 through WS24-13 at 0-4 ft and WS24-14 through WS24-17 at 0-5ft. Collected base of excavation samples at BS24-01 through BS24-24 at 4 ft and BS24-25 through BS24-29 at 5 ft.
Field screened samples. Samples screened within criteria limits.
- 15:59** Prepared samples for lab and preserved on ice.
- 15:59** Documented site and activities.

Next Steps & Recommendations

- 1 Lab analysis



Daily Site Visit Report

Site Photos

Viewing Direction: Northwest



5-point composite samples: WS24-01, -02, -04 0ft to 4ft, BS24-01 through -05 4ft.

Viewing Direction: Southeast



5-point composite samples: WS24-03, -04 0ft to 4ft, BS24-05 through -07 4ft.

Viewing Direction: North



5-point composite samples: WS24-05, -06 0ft to 4ft, BS24-08, -09 4ft.

Viewing Direction: West



5-point composite samples: WS24-07, -08 0ft to 4ft, BS24-10, -11 4ft.



Daily Site Visit Report

Viewing Direction: Northwest



Descriptive Photo - 5
Viewing Direction: Northwest
Desc: 5-point composite samples: WS24-09, -10, -13 0ft to 4ft, BS24-12 through -17 4ft
Created: 5/9/2024 11:33:07 AM
Lat:32.829094, Long:-103.763756

5-point composite samples: WS24-09, -10, -13 0ft to 4ft, BS24-12 through -17 4ft.

Viewing Direction: Southeast



Descriptive Photo - 6
Viewing Direction: Southeast
Desc: 5-point composite samples: WS24-11, -12 0ft to 4ft, BS24-18 through -24 4ft
Created: 5/9/2024 11:35:27 AM
Lat:32.829186, Long:-103.763756

5-point composite samples: WS24-11, -12 0ft to 4ft, BS24-18 through -24 4ft.

Viewing Direction: West



Descriptive Photo - 7
Viewing Direction: West
Desc: 5-point composite samples: WS24-14, -15, -16 0ft to 5 ft, BS24-25 through -29 5ft
Created: 5/9/2024 11:54:07 AM
Lat:32.829062, Long:-103.763674

5-point composite samples: WS24-14, -15, -16 0ft to 5 ft, BS24-25 through -29 5ft.

Viewing Direction: East



Descriptive Photo - 8
Viewing Direction: East
Desc: 5-point composite samples: WS24-14, -16, -17 0ft to 5 ft, BS24-25 through -29 5ft
Created: 5/9/2024 11:59:05 AM
Lat:32.829066, Long:-103.763756

5-point composite samples: WS24-14, -16, -17 0ft to 5 ft, BS24-25 through -29 5ft.



Daily Site Visit Report

Viewing Direction: Northwest



Describe Photo - 9
Viewing Direction: Northwest
Desc: North half of excavation
Created: 5/9/2024 3:53:00 PM
Lat:32.829316, Long:-103.763663

North half of excavation

Viewing Direction: Southwest



Describe Photo - 10
Viewing Direction: Southwest
Desc: South half of excavation
Created: 5/9/2024 3:53:21 PM
Lat:32.829316, Long:-103.763663

South half of excavation

Viewing Direction: Northeast



Describe Photo - 11
Viewing Direction: Northeast
Desc: Nearest site information placard
Created: 5/9/2024 3:53:18 PM
Lat:32.832705, Long:-103.763286

Nearest site information placard

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Stephanie McCartyM

Signature: A handwritten signature in black ink, appearing to read 'Steph Mf', written over a thin horizontal line. The word 'Signature' is printed in small text below the line.



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	Lynx Federal 1	API #:	30-025-27861
Inspection Date:	7/15/2025		

Summary of Times

Arrived at Site	7/15/2025 2:20 PM
Departed Site	7/15/2025 3:59 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

14:27 Completed safety paperwork upon arrival

14:59 Cowpen daisies were prominent across the former excavation area

15:41 Grasses and sunflowers were prominent across the undisturbed pastureland

15:59 Backfill and pastureland were compared for soil quality and found to be comparable

Next Steps & Recommendations

1



Daily Site Visit Report

Site Photos

Viewing Direction: North



Descriptive Photo - 4
Viewing Direction: North
Desc: South end of the former excavation looking north
Created: 7/15/2025 2:46:38 PM
Lat: 33.822078, Long: -103.753797

South end of the former excavation looking north. Backfill sample collected from this area

Viewing Direction: North



Descriptive Photo - 5
Viewing Direction: North
Desc: Southern area of the former excavation
Created: 7/15/2025 2:47:45 PM
Lat: 33.822078, Long: -103.753797

Southern area of the former excavation is composed of primarily Cowpen Daisies with some interspersed grasses



Daily Site Visit Report

Viewing Direction: North



Descriptive Photo - 3
Viewing Direction: North
Desc: Central area of the excavation composed of primarily cowpen daisies and othake
Created: 7/15/2025 2:54:49 PM
Lat:32.829418, Long:-103.753628

Central area of the excavation composed of primarily cowpen daisies and othake

Viewing Direction: East



Descriptive Photo - 4
Viewing Direction: East
Desc: Northern area of the excavation composed primarily of Harvard oak, nightshade, and cowpen daisies
Created: 7/15/2025 2:57:53 PM
Lat:32.829418, Long:-103.753628

Northern area of the excavation composed primarily of Harvard oak, nightshade, and cowpen daisies

Viewing Direction: South



Descriptive Photo - 5
Viewing Direction: South
Desc: Northern edge of the excavation looking south
Created: 7/15/2025 2:58:37 PM
Lat:32.829418, Long:-103.753628

Northern edge of the excavation looking south

Viewing Direction: Southwest



Descriptive Photo - 6
Viewing Direction: Southwest
Desc: Pastureland sample was taken from an area 150ft northwest from the northwest corner of the former release area to find a location that appeared undisturbed
Created: 7/15/2025 3:04:48 PM
Lat:32.829657, Long:-103.754372

Pastureland sample was taken from an area 150ft northwest from the northwest corner of the former release area to find a location that appeared undisturbed



Daily Site Visit Report

Viewing Direction: South



Descriptive Photo - 7
Viewing Direction: South
Desc: While shimmer oak, cowpen daisies, and othake were present in the pastureland, the pastureland appeared to be dominated by prairie sunflowers and 3ft tall native grasses
Created: 7/15/2025 3:06:53 PM
Lat:32.829975, Long:-103.752848

While shimmer oak, cowpen daisies, and othake were present in the pastureland, the pastureland appeared to be dominated by prairie sunflowers and 3ft tall native grasses

Viewing Direction: North



Descriptive Photo - 8
Viewing Direction: North
Desc: Backfill and pastureland appear similar in color with the pastureland appearing to be slightly darker
Created: 7/15/2025 3:40:56 PM
Lat:32.829975, Long:-103.752848

Backfill and pastureland appear similar in color with the pastureland appearing to be slightly darker

Viewing Direction: East



Descriptive Photo - 6
Viewing Direction: East
Desc: From pastureland looking east toward the incident
Created: 7/15/2025 3:06:22 PM
Lat:32.829975, Long:-103.754307

From pastureland looking east toward the incident

Viewing Direction: South



Descriptive Photo - 10
Viewing Direction: South
Desc: The backfill (left) and the pastureland (right) both appear to be neutral with the backfill being slightly more alkaline.
Created: 7/15/2025 3:45:19 PM
Lat:32.829988, Long:-103.752848

The backfill (left) and the pastureland (right) both appear to be neutral with the backfill being slightly more alkaline.



Daily Site Visit Report

Viewing Direction: North

PLANT FOOD CHART

Nitrogen	Phosphorus	Potash
High	High	High
Medium	Medium	Medium
Low	Low	Low
Very Low	Very Low	Very Low

Descriptive Photo - 11
Viewing Direction: North
Desc: The backfill (left) and the pastureland (right) both have a medium level of phosphorus
Created: 7/15/2025 3:47:02 PM
Lat:32.820999, Long:-103.752858

The backfill (left) and the pastureland (right) both have a medium level of phosphorus

Viewing Direction: North

PLANT FOOD CHART

Nitrogen	Phosphorus	Potash
High	High	High
Medium	Medium	Medium
Low	Low	Low
Very Low	Very Low	Very Low

Descriptive Photo - 12
Viewing Direction: North
Desc: The backfill (left) and the pastureland (right) both have a very low concentration of nitrogen
Created: 7/15/2025 3:48:00 PM
Lat:32.820997, Long:-103.752861

The backfill (left) and the pastureland (right) both have a very low concentration of nitrogen

Viewing Direction: North

PLANT FOOD CHART

Nitrogen	Phosphorus	Potash
High	High	High
Medium	Medium	Medium
Low	Low	Low
Very Low	Very Low	Very Low

Descriptive Photo - 13
Viewing Direction: North
Desc: The backfill (left) and the pastureland (right) both have a low concentration of potassium
Created: 7/15/2025 3:48:18 PM
Lat:32.820991, Long:-103.752854

The backfill (left) and the pastureland (right) both have a low concentration of potassium

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Katrina Taylor

Signature:


Signature

APPENDIX B – Laboratory Results



Environment Testing

- 1
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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
 Vertex
 3101 Boyd Dr
 Carlsbad, New Mexico 88220

Generated 5/6/2024 12:34:07 PM

JOB DESCRIPTION

Lynx Federal 1

JOB NUMBER

885-3734-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization



Generated
5/6/2024 12:34:07 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Lynx Federal 1

Laboratory Job ID: 885-3734-1



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Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-3734-1

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

Case Narrative

Client: Vertex
Project: Lynx Federal 1

Job ID: 885-3734-1

Job ID: 885-3734-1

Eurofins Albuquerque

Job Narrative 885-3734-1

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 5/2/2024 7:55 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 0.3°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-3734-1

Client Sample ID: Backfill -01

Lab Sample ID: 885-3734-1

Date Collected: 04/30/24 10:40

Matrix: Solid

Date Received: 05/02/24 07:55

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		05/02/24 09:56	05/02/24 17:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 244			05/02/24 09:56	05/02/24 17:14	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		05/02/24 09:56	05/02/24 17:14	1
Ethylbenzene	ND		0.036	mg/Kg		05/02/24 09:56	05/02/24 17:14	1
Toluene	ND		0.036	mg/Kg		05/02/24 09:56	05/02/24 17:14	1
Xylenes, Total	ND		0.072	mg/Kg		05/02/24 09:56	05/02/24 17:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		39 - 146			05/02/24 09:56	05/02/24 17:14	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6	mg/Kg		05/02/24 12:13	05/02/24 20:12	1
Motor Oil Range Organics [C28-C40]	ND		43	mg/Kg		05/02/24 12:13	05/02/24 20:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	72		62 - 134			05/02/24 12:13	05/02/24 20:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		05/02/24 13:07	05/02/24 16:57	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-3734-1

Client Sample ID: Backfill -02

Lab Sample ID: 885-3734-2

Date Collected: 04/30/24 10:45

Matrix: Solid

Date Received: 05/02/24 07:55

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		05/02/24 09:56	05/02/24 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 244			05/02/24 09:56	05/02/24 18:01	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		05/02/24 09:56	05/02/24 18:01	1
Ethylbenzene	ND		0.036	mg/Kg		05/02/24 09:56	05/02/24 18:01	1
Toluene	ND		0.036	mg/Kg		05/02/24 09:56	05/02/24 18:01	1
Xylenes, Total	ND		0.072	mg/Kg		05/02/24 09:56	05/02/24 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		39 - 146			05/02/24 09:56	05/02/24 18:01	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		05/02/24 12:13	05/02/24 20:24	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		05/02/24 12:13	05/02/24 20:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	75		62 - 134			05/02/24 12:13	05/02/24 20:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		05/02/24 13:07	05/02/24 17:10	20

QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-3734-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-4245/1-A
Matrix: Solid
Analysis Batch: 4316

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4245

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/02/24 09:56	05/02/24 14:07	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 244			05/02/24 09:56	05/02/24 14:07	1

Lab Sample ID: LCS 885-4245/2-A
Matrix: Solid
Analysis Batch: 4316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	25.0		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	202		15 - 244				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-4245/1-A
Matrix: Solid
Analysis Batch: 4317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4245

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/02/24 09:56	05/02/24 14:07	1
Ethylbenzene	ND		0.050	mg/Kg		05/02/24 09:56	05/02/24 14:07	1
Toluene	ND		0.050	mg/Kg		05/02/24 09:56	05/02/24 14:07	1
Xylenes, Total	ND		0.10	mg/Kg		05/02/24 09:56	05/02/24 14:07	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		39 - 146			05/02/24 09:56	05/02/24 14:07	1

Lab Sample ID: LCS 885-4245/3-A
Matrix: Solid
Analysis Batch: 4317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.967		mg/Kg		97	70 - 130
Ethylbenzene	1.00	0.905		mg/Kg		91	70 - 130
m,p-Xylene	2.00	1.85		mg/Kg		92	70 - 130
o-Xylene	1.00	0.906		mg/Kg		91	70 - 130
Toluene	1.00	0.903		mg/Kg		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	97		39 - 146				

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-3734-1

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-4263/1-A
Matrix: Solid
Analysis Batch: 4310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4263

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/02/24 12:13	05/02/24 17:33	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/02/24 12:13	05/02/24 17:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			05/02/24 12:13	05/02/24 17:33	1

Lab Sample ID: LCS 885-4263/2-A
Matrix: Solid
Analysis Batch: 4310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4263

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	44.3		mg/Kg		89	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	106		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-4273/1-A
Matrix: Solid
Analysis Batch: 4296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4273

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		05/02/24 13:07	05/02/24 13:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	15.0		14.0	mg/Kg		93	90 - 110	

QC Association Summary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-3734-1

GC VOA

Prep Batch: 4245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3734-1	Backfill -01	Total/NA	Solid	5035	
885-3734-2	Backfill -02	Total/NA	Solid	5035	
MB 885-4245/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-4245/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-4245/3-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 4316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3734-1	Backfill -01	Total/NA	Solid	8015D	4245
885-3734-2	Backfill -02	Total/NA	Solid	8015D	4245
MB 885-4245/1-A	Method Blank	Total/NA	Solid	8015D	4245
LCS 885-4245/2-A	Lab Control Sample	Total/NA	Solid	8015D	4245

Analysis Batch: 4317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3734-1	Backfill -01	Total/NA	Solid	8021B	4245
885-3734-2	Backfill -02	Total/NA	Solid	8021B	4245
MB 885-4245/1-A	Method Blank	Total/NA	Solid	8021B	4245
LCS 885-4245/3-A	Lab Control Sample	Total/NA	Solid	8021B	4245

GC Semi VOA

Prep Batch: 4263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3734-1	Backfill -01	Total/NA	Solid	SHAKE	
885-3734-2	Backfill -02	Total/NA	Solid	SHAKE	
MB 885-4263/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-4263/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 4310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3734-1	Backfill -01	Total/NA	Solid	8015D	4263
885-3734-2	Backfill -02	Total/NA	Solid	8015D	4263
MB 885-4263/1-A	Method Blank	Total/NA	Solid	8015D	4263
LCS 885-4263/2-A	Lab Control Sample	Total/NA	Solid	8015D	4263

HPLC/IC

Prep Batch: 4273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3734-1	Backfill -01	Total/NA	Solid	300_Prep	
885-3734-2	Backfill -02	Total/NA	Solid	300_Prep	
MB 885-4273/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-4273/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 4296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3734-1	Backfill -01	Total/NA	Solid	300.0	4273
885-3734-2	Backfill -02	Total/NA	Solid	300.0	4273
MB 885-4273/1-A	Method Blank	Total/NA	Solid	300.0	4273
LCS 885-4273/2-A	Lab Control Sample	Total/NA	Solid	300.0	4273

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-3734-1

Client Sample ID: Backfill -01

Lab Sample ID: 885-3734-1

Date Collected: 04/30/24 10:40

Matrix: Solid

Date Received: 05/02/24 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			4245	JP	EET ALB	05/02/24 09:56
Total/NA	Analysis	8015D		1	4316	JP	EET ALB	05/02/24 17:14
Total/NA	Prep	5035			4245	JP	EET ALB	05/02/24 09:56
Total/NA	Analysis	8021B		1	4317	JP	EET ALB	05/02/24 17:14
Total/NA	Prep	SHAKE			4263	JU	EET ALB	05/02/24 12:13
Total/NA	Analysis	8015D		1	4310	JU	EET ALB	05/02/24 20:12
Total/NA	Prep	300_Prep			4273	RC	EET ALB	05/02/24 13:07
Total/NA	Analysis	300.0		20	4296	JT	EET ALB	05/02/24 16:57

Client Sample ID: Backfill -02

Lab Sample ID: 885-3734-2

Date Collected: 04/30/24 10:45

Matrix: Solid

Date Received: 05/02/24 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			4245	JP	EET ALB	05/02/24 09:56
Total/NA	Analysis	8015D		1	4316	JP	EET ALB	05/02/24 18:01
Total/NA	Prep	5035			4245	JP	EET ALB	05/02/24 09:56
Total/NA	Analysis	8021B		1	4317	JP	EET ALB	05/02/24 18:01
Total/NA	Prep	SHAKE			4263	JU	EET ALB	05/02/24 12:13
Total/NA	Analysis	8015D		1	4310	JU	EET ALB	05/02/24 20:24
Total/NA	Prep	300_Prep			4273	RC	EET ALB	05/02/24 13:07
Total/NA	Analysis	300.0		20	4296	JT	EET ALB	05/02/24 17:10

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-3734-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

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
300.0	300_Prep	Solid	Chloride
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25
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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
300.0	300_Prep	Solid	Chloride
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-3734-1

Login Number: 3734

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
 Vertex
 3101 Boyd Dr
 Carlsbad, New Mexico 88220

Generated 5/28/2024 3:29:25 PM

JOB DESCRIPTION

Lynx Federal 1

JOB NUMBER

885-4368-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization



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Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Lynx Federal 1

Laboratory Job ID: 885-4368-1

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Definitions/Glossary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Qualifiers

GC VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

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

Eurofins Albuquerque

Case Narrative

Client: Vertex
Project: Lynx Federal 1

Job ID: 885-4368-1

Job ID: 885-4368-1

Eurofins Albuquerque

Job Narrative 885-4368-1

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 5/11/2024 9:39 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.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-4985 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (LCS 885-4955/2-A).

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-5077 recovered above the upper control limit for Di-n-octyl phthalate (Surr). The samples associated with this CCV were non-detects for the affected analytes or had passing surrogate recoveries; therefore, the data have been reported. The associated sample is impacted: (CCV 885-5077/33).

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

HPLC/IC

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

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Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-01 0-4'

Lab Sample ID: 885-4368-1

Date Collected: 05/09/24 10:00

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 14:02	05/15/24 02:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 14:02	05/15/24 02:25	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 14:02	05/15/24 02:25	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 14:02	05/15/24 02:25	1
Toluene	ND		0.048	mg/Kg		05/13/24 14:02	05/15/24 02:25	1
Xylenes, Total	ND		0.097	mg/Kg		05/13/24 14:02	05/15/24 02:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 14:02	05/15/24 02:25	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.9	mg/Kg		05/14/24 11:27	05/14/24 19:18	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		05/14/24 11:27	05/14/24 19:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			05/14/24 11:27	05/14/24 19:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		60	mg/Kg		05/14/24 16:00	05/14/24 22:04	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-02 0-4'

Lab Sample ID: 885-4368-2

Date Collected: 05/09/24 10:02

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 14:02	05/15/24 02:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			05/13/24 14:02	05/15/24 02:47	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 14:02	05/15/24 02:47	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 14:02	05/15/24 02:47	1
Toluene	ND		0.048	mg/Kg		05/13/24 14:02	05/15/24 02:47	1
Xylenes, Total	ND		0.097	mg/Kg		05/13/24 14:02	05/15/24 02:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/13/24 14:02	05/15/24 02:47	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		05/14/24 11:27	05/14/24 19:29	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/14/24 11:27	05/14/24 19:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			05/14/24 11:27	05/14/24 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		05/14/24 16:00	05/14/24 22:19	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-03 0-4'

Lab Sample ID: 885-4368-3

Date Collected: 05/09/24 10:04

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 14:02	05/15/24 03:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			05/13/24 14:02	05/15/24 03:09	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 14:02	05/15/24 03:09	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 14:02	05/15/24 03:09	1
Toluene	ND		0.049	mg/Kg		05/13/24 14:02	05/15/24 03:09	1
Xylenes, Total	ND		0.098	mg/Kg		05/13/24 14:02	05/15/24 03:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/13/24 14:02	05/15/24 03:09	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		05/14/24 13:46	05/14/24 16:30	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		05/14/24 13:46	05/14/24 16:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			05/14/24 13:46	05/14/24 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	660		60	mg/Kg		05/14/24 16:00	05/14/24 22:34	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-04 0-4'

Lab Sample ID: 885-4368-4

Date Collected: 05/09/24 10:06

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/14/24 22:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/14/24 22:42	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/14/24 22:42	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/14/24 22:42	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/14/24 22:42	1
Xylenes, Total	ND		0.097	mg/Kg		05/13/24 16:12	05/14/24 22:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			05/13/24 16:12	05/14/24 22:42	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		05/14/24 13:46	05/14/24 16:54	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/14/24 13:46	05/14/24 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			05/14/24 13:46	05/14/24 16:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		60	mg/Kg		05/14/24 16:00	05/14/24 22:49	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-05 0-4'

Lab Sample ID: 885-4368-5

Date Collected: 05/09/24 10:08

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/14/24 23:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			05/13/24 16:12	05/14/24 23:52	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/14/24 23:52	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/14/24 23:52	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/14/24 23:52	1
Xylenes, Total	ND		0.099	mg/Kg		05/13/24 16:12	05/14/24 23:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/13/24 16:12	05/14/24 23:52	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		05/14/24 13:46	05/14/24 17:18	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 13:46	05/14/24 17:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			05/14/24 13:46	05/14/24 17:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80		60	mg/Kg		05/14/24 16:00	05/14/24 23:04	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-06 0-4'

Lab Sample ID: 885-4368-6

Date Collected: 05/09/24 10:10

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 16:12	05/15/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/15/24 01:03	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 01:03	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 01:03	1
Toluene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 01:03	1
Xylenes, Total	ND		0.096	mg/Kg		05/13/24 16:12	05/15/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 01:03	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		05/14/24 13:46	05/14/24 17:42	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 13:46	05/14/24 17:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			05/14/24 13:46	05/14/24 17:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		60	mg/Kg		05/14/24 16:00	05/14/24 23:19	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-07 0-4'

Lab Sample ID: 885-4368-7

Date Collected: 05/09/24 10:12

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/13/24 16:12	05/15/24 01:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 01:26	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 01:26	1
Ethylbenzene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 01:26	1
Toluene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 01:26	1
Xylenes, Total	ND		0.10	mg/Kg		05/13/24 16:12	05/15/24 01:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 01:26	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	62		8.9	mg/Kg		05/14/24 13:46	05/14/24 18:06	1
Motor Oil Range Organics [C28-C40]	64		44	mg/Kg		05/14/24 13:46	05/14/24 18:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			05/14/24 13:46	05/14/24 18:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		05/14/24 16:00	05/15/24 00:05	20

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Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-08 0-4'

Lab Sample ID: 885-4368-8

Date Collected: 05/09/24 10:14

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 01:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/15/24 01:50	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 01:50	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 01:50	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 01:50	1
Xylenes, Total	ND		0.098	mg/Kg		05/13/24 16:12	05/15/24 01:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			05/13/24 16:12	05/15/24 01:50	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		05/14/24 13:46	05/14/24 18:30	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/14/24 13:46	05/14/24 18:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			05/14/24 13:46	05/14/24 18:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		60	mg/Kg		05/14/24 16:00	05/15/24 00:20	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-09 0-4'

Lab Sample ID: 885-4368-9

Date Collected: 05/09/24 10:16

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 02:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/15/24 02:13	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 02:13	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 02:13	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 02:13	1
Xylenes, Total	ND		0.099	mg/Kg		05/13/24 16:12	05/15/24 02:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 02:13	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		05/14/24 13:46	05/14/24 18:55	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		05/14/24 13:46	05/14/24 18:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			05/14/24 13:46	05/14/24 18:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87		60	mg/Kg		05/14/24 16:16	05/15/24 01:06	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-10 0-4'

Lab Sample ID: 885-4368-10

Date Collected: 05/09/24 10:20

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 16:12	05/15/24 02:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 02:37	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 02:37	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 02:37	1
Toluene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 02:37	1
Xylenes, Total	ND		0.097	mg/Kg		05/13/24 16:12	05/15/24 02:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 02:37	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	26		9.6	mg/Kg		05/14/24 13:46	05/14/24 19:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 13:46	05/14/24 19:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			05/14/24 13:46	05/14/24 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94		60	mg/Kg		05/14/24 16:16	05/15/24 01:51	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-11 0-4'

Lab Sample ID: 885-4368-11

Date Collected: 05/09/24 10:22

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 16:12	05/15/24 03:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			05/13/24 16:12	05/15/24 03:01	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 03:01	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 03:01	1
Toluene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 03:01	1
Xylenes, Total	ND		0.096	mg/Kg		05/13/24 16:12	05/15/24 03:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/13/24 16:12	05/15/24 03:01	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		05/14/24 13:46	05/14/24 20:08	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		05/14/24 13:46	05/14/24 20:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			05/14/24 13:46	05/14/24 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		05/14/24 16:16	05/15/24 03:07	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-12 0-4'

Lab Sample ID: 885-4368-12

Date Collected: 05/09/24 10:25

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 16:12	05/15/24 03:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 03:24	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 03:24	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 03:24	1
Toluene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 03:24	1
Xylenes, Total	ND		0.097	mg/Kg		05/13/24 16:12	05/15/24 03:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 03:24	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	43		9.6	mg/Kg		05/14/24 13:46	05/14/24 20:32	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 13:46	05/14/24 20:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			05/14/24 13:46	05/14/24 20:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		60	mg/Kg		05/14/24 16:16	05/15/24 03:22	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-13 0-4'

Lab Sample ID: 885-4368-13

Date Collected: 05/09/24 10:45

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 16:12	05/15/24 03:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			05/13/24 16:12	05/15/24 03:48	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 03:48	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 03:48	1
Toluene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 03:48	1
Xylenes, Total	ND		0.096	mg/Kg		05/13/24 16:12	05/15/24 03:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			05/13/24 16:12	05/15/24 03:48	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		05/14/24 13:46	05/14/24 20:57	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/14/24 13:46	05/14/24 20:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			05/14/24 13:46	05/14/24 20:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		59	mg/Kg		05/14/24 16:16	05/15/24 03:37	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-14 0-5'

Lab Sample ID: 885-4368-14

Date Collected: 05/09/24 10:28

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 04:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/13/24 16:12	05/15/24 04:34	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 04:34	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 04:34	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 04:34	1
Xylenes, Total	ND		0.098	mg/Kg		05/13/24 16:12	05/15/24 04:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/13/24 16:12	05/15/24 04:34	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8	mg/Kg		05/14/24 13:46	05/14/24 21:46	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		05/14/24 13:46	05/14/24 21:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			05/14/24 13:46	05/14/24 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88		61	mg/Kg		05/14/24 16:16	05/15/24 03:52	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-15 0-5'

Lab Sample ID: 885-4368-15

Date Collected: 05/09/24 10:30

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 04:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/15/24 04:58	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 04:58	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 04:58	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 04:58	1
Xylenes, Total	ND		0.099	mg/Kg		05/13/24 16:12	05/15/24 04:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 04:58	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		05/14/24 13:46	05/14/24 22:10	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 13:46	05/14/24 22:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			05/14/24 13:46	05/14/24 22:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92		60	mg/Kg		05/14/24 16:16	05/15/24 04:07	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-16 0-5

Lab Sample ID: 885-4368-16

Date Collected: 05/09/24 10:35

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 16:12	05/15/24 05:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 05:21	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 05:21	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 05:21	1
Toluene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 05:21	1
Xylenes, Total	ND		0.096	mg/Kg		05/13/24 16:12	05/15/24 05:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 05:21	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	11		9.2	mg/Kg		05/14/24 13:46	05/14/24 22:35	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/14/24 13:46	05/14/24 22:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	74		62 - 134			05/14/24 13:46	05/14/24 22:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91		60	mg/Kg		05/14/24 16:16	05/15/24 04:22	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-17 0-5'

Lab Sample ID: 885-4368-17

Date Collected: 05/09/24 10:40

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 05:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/15/24 05:45	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 05:45	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 05:45	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 05:45	1
Xylenes, Total	ND		0.097	mg/Kg		05/13/24 16:12	05/15/24 05:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/13/24 16:12	05/15/24 05:45	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		05/14/24 13:46	05/14/24 22:59	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		05/14/24 13:46	05/14/24 22:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			05/14/24 13:46	05/14/24 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61		60	mg/Kg		05/14/24 16:16	05/15/24 04:38	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-01 4'

Lab Sample ID: 885-4368-18

Date Collected: 05/09/24 10:50

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 06:08	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
Ethylbenzene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
Toluene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
Xylenes, Total	ND		0.10	mg/Kg		05/13/24 16:12	05/15/24 06:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 06:08	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		05/14/24 13:46	05/14/24 23:48	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 13:46	05/14/24 23:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			05/14/24 13:46	05/14/24 23:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		60	mg/Kg		05/14/24 16:16	05/15/24 04:53	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-02 4'

Lab Sample ID: 885-4368-19

Date Collected: 05/09/24 10:55

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 06:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 06:32	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 06:32	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 06:32	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 06:32	1
Xylenes, Total	ND		0.099	mg/Kg		05/13/24 16:12	05/15/24 06:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/13/24 16:12	05/15/24 06:32	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		05/14/24 13:46	05/15/24 00:12	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 13:46	05/15/24 00:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			05/14/24 13:46	05/15/24 00:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		59	mg/Kg		05/14/24 16:16	05/15/24 05:08	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-03 4'

Lab Sample ID: 885-4368-20

Date Collected: 05/09/24 10:58

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/13/24 16:12	05/15/24 06:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 06:55	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 06:55	1
Ethylbenzene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 06:55	1
Toluene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 06:55	1
Xylenes, Total	ND		0.099	mg/Kg		05/13/24 16:12	05/15/24 06:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/13/24 16:12	05/15/24 06:55	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		05/14/24 13:46	05/15/24 00:37	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		05/14/24 13:46	05/15/24 00:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			05/14/24 13:46	05/15/24 00:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		05/14/24 16:16	05/15/24 05:23	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-04 4'

Lab Sample ID: 885-4368-21

Date Collected: 05/09/24 11:00

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/13/24 16:12	05/15/24 07:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/15/24 07:19	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 07:19	1
Ethylbenzene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 07:19	1
Toluene	ND		0.049	mg/Kg		05/13/24 16:12	05/15/24 07:19	1
Xylenes, Total	ND		0.097	mg/Kg		05/13/24 16:12	05/15/24 07:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/13/24 16:12	05/15/24 07:19	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		05/14/24 13:46	05/15/24 01:01	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 13:46	05/15/24 01:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			05/14/24 13:46	05/15/24 01:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700		150	mg/Kg		05/14/24 16:16	05/16/24 10:49	50

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-05 4'

Lab Sample ID: 885-4368-22

Date Collected: 05/09/24 11:03

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/13/24 16:12	05/15/24 07:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/15/24 07:42	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/13/24 16:12	05/15/24 07:42	1
Ethylbenzene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 07:42	1
Toluene	ND		0.048	mg/Kg		05/13/24 16:12	05/15/24 07:42	1
Xylenes, Total	ND		0.096	mg/Kg		05/13/24 16:12	05/15/24 07:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			05/13/24 16:12	05/15/24 07:42	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		05/14/24 13:46	05/15/24 01:25	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 13:46	05/15/24 01:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	76		62 - 134			05/14/24 13:46	05/15/24 01:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		150	mg/Kg		05/14/24 16:16	05/16/24 11:02	50

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-06 4'

Lab Sample ID: 885-4368-23

Date Collected: 05/09/24 11:05

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/13/24 16:12	05/15/24 08:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/13/24 16:12	05/15/24 08:06	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/15/24 08:06	1
Ethylbenzene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 08:06	1
Toluene	ND		0.050	mg/Kg		05/13/24 16:12	05/15/24 08:06	1
Xylenes, Total	ND		0.10	mg/Kg		05/13/24 16:12	05/15/24 08:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/13/24 16:12	05/15/24 08:06	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		05/14/24 16:09	05/15/24 11:47	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 16:09	05/15/24 11:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	71		62 - 134			05/14/24 16:09	05/15/24 11:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		60	mg/Kg		05/14/24 16:16	05/15/24 11:38	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-07 4'

Lab Sample ID: 885-4368-24

Date Collected: 05/09/24 11:07

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 09:10	05/15/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			05/14/24 09:10	05/15/24 13:49	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 13:49	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 13:49	1
Toluene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 13:49	1
Xylenes, Total	ND		0.10	mg/Kg		05/14/24 09:10	05/15/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			05/14/24 09:10	05/15/24 13:49	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		05/16/24 11:13	05/16/24 21:45	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/16/24 11:13	05/16/24 21:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			05/16/24 11:13	05/16/24 21:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		61	mg/Kg		05/14/24 16:17	05/15/24 11:51	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-08 4'

Lab Sample ID: 885-4368-25

Date Collected: 05/09/24 11:10

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 09:10	05/15/24 14:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			05/14/24 09:10	05/15/24 14:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 14:54	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 14:54	1
Toluene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 14:54	1
Xylenes, Total	ND		0.095	mg/Kg		05/14/24 09:10	05/15/24 14:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			05/14/24 09:10	05/15/24 14:54	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	16		9.4	mg/Kg		05/14/24 16:09	05/15/24 12:08	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 16:09	05/15/24 12:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			05/14/24 16:09	05/15/24 12:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		59	mg/Kg		05/14/24 16:17	05/15/24 12:28	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-09 4'

Lab Sample ID: 885-4368-26

Date Collected: 05/09/24 11:13

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/14/24 09:10	05/15/24 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/14/24 09:10	05/15/24 15:59	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 15:59	1
Ethylbenzene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 15:59	1
Toluene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 15:59	1
Xylenes, Total	ND		0.099	mg/Kg		05/14/24 09:10	05/15/24 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			05/14/24 09:10	05/15/24 15:59	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	8.9		8.6	mg/Kg		05/14/24 16:09	05/15/24 12:49	1
Motor Oil Range Organics [C28-C40]	ND		43	mg/Kg		05/14/24 16:09	05/15/24 12:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			05/14/24 16:09	05/15/24 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	490		60	mg/Kg		05/14/24 16:39	05/15/24 12:40	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-10 4'

Lab Sample ID: 885-4368-27

Date Collected: 05/09/24 11:15

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 09:10	05/15/24 16:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/14/24 09:10	05/15/24 16:21	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 16:21	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 16:21	1
Toluene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 16:21	1
Xylenes, Total	ND		0.10	mg/Kg		05/14/24 09:10	05/15/24 16:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/14/24 09:10	05/15/24 16:21	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		05/16/24 11:13	05/16/24 22:10	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/16/24 11:13	05/16/24 22:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			05/16/24 11:13	05/16/24 22:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		60	mg/Kg		05/14/24 16:39	05/15/24 12:53	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-11 4'

Lab Sample ID: 885-4368-28

Date Collected: 05/09/24 11:20

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 09:10	05/15/24 16:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			05/14/24 09:10	05/15/24 16:43	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 16:43	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 16:43	1
Toluene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 16:43	1
Xylenes, Total	ND		0.096	mg/Kg		05/14/24 09:10	05/15/24 16:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/14/24 09:10	05/15/24 16:43	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		05/14/24 16:09	05/15/24 13:41	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		05/14/24 16:09	05/15/24 13:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	72		62 - 134			05/14/24 16:09	05/15/24 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		60	mg/Kg		05/14/24 16:39	05/15/24 13:05	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-12 4'

Lab Sample ID: 885-4368-29

Date Collected: 05/09/24 11:25

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 09:10	05/15/24 17:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/14/24 09:10	05/15/24 17:05	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 17:05	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 17:05	1
Toluene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 17:05	1
Xylenes, Total	ND		0.096	mg/Kg		05/14/24 09:10	05/15/24 17:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/14/24 09:10	05/15/24 17:05	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.5	mg/Kg		05/14/24 16:09	05/15/24 13:51	1
Motor Oil Range Organics [C28-C40]	ND		42	mg/Kg		05/14/24 16:09	05/15/24 13:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	79		62 - 134			05/14/24 16:09	05/15/24 13:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		59	mg/Kg		05/15/24 07:57	05/15/24 10:37	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-13 4'

Lab Sample ID: 885-4368-30

Date Collected: 05/09/24 11:27

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/14/24 09:10	05/15/24 17:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/14/24 09:10	05/15/24 17:26	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 17:26	1
Ethylbenzene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 17:26	1
Toluene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 17:26	1
Xylenes, Total	ND		0.098	mg/Kg		05/14/24 09:10	05/15/24 17:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/14/24 09:10	05/15/24 17:26	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	17		9.4	mg/Kg		05/14/24 16:09	05/15/24 14:32	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 16:09	05/15/24 14:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			05/14/24 16:09	05/15/24 14:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		60	mg/Kg		05/15/24 07:57	05/15/24 13:17	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-14 4'

Lab Sample ID: 885-4368-31

Date Collected: 05/09/24 11:29

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		05/14/24 09:10	05/15/24 17:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			05/14/24 09:10	05/15/24 17:48	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 17:48	1
Ethylbenzene	ND		0.047	mg/Kg		05/14/24 09:10	05/15/24 17:48	1
Toluene	ND		0.047	mg/Kg		05/14/24 09:10	05/15/24 17:48	1
Xylenes, Total	ND		0.095	mg/Kg		05/14/24 09:10	05/15/24 17:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/14/24 09:10	05/15/24 17:48	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8	mg/Kg		05/14/24 16:09	05/15/24 15:13	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		05/14/24 16:09	05/15/24 15:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	63		62 - 134			05/14/24 16:09	05/15/24 15:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		60	mg/Kg		05/15/24 07:57	05/15/24 13:30	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-15 4'

Lab Sample ID: 885-4368-32

Date Collected: 05/09/24 11:31

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		05/14/24 09:10	05/15/24 18:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			05/14/24 09:10	05/15/24 18:10	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 18:10	1
Ethylbenzene	ND		0.047	mg/Kg		05/14/24 09:10	05/15/24 18:10	1
Toluene	ND		0.047	mg/Kg		05/14/24 09:10	05/15/24 18:10	1
Xylenes, Total	ND		0.094	mg/Kg		05/14/24 09:10	05/15/24 18:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		48 - 145			05/14/24 09:10	05/15/24 18:10	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		05/14/24 16:09	05/15/24 15:24	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		05/14/24 16:09	05/15/24 15:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			05/14/24 16:09	05/15/24 15:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		60	mg/Kg		05/15/24 07:57	05/15/24 13:42	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-16 4'

Lab Sample ID: 885-4368-33

Date Collected: 05/09/24 11:33

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/14/24 09:10	05/15/24 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			05/14/24 09:10	05/15/24 18:53	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 18:53	1
Ethylbenzene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 18:53	1
Toluene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 18:53	1
Xylenes, Total	ND		0.099	mg/Kg		05/14/24 09:10	05/15/24 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/14/24 09:10	05/15/24 18:53	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		05/14/24 16:09	05/15/24 11:18	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 16:09	05/15/24 11:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	69		62 - 134			05/14/24 16:09	05/15/24 11:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		60	mg/Kg		05/15/24 07:57	05/15/24 13:54	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-17 4'

Lab Sample ID: 885-4368-34

Date Collected: 05/09/24 11:35

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 09:10	05/15/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/14/24 09:10	05/15/24 19:15	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 19:15	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 19:15	1
Toluene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 19:15	1
Xylenes, Total	ND		0.095	mg/Kg		05/14/24 09:10	05/15/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/14/24 09:10	05/15/24 19:15	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		05/14/24 16:09	05/15/24 11:31	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/14/24 16:09	05/15/24 11:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			05/14/24 16:09	05/15/24 11:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		60	mg/Kg		05/15/24 07:57	05/15/24 14:07	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-18 4'

Lab Sample ID: 885-4368-35

Date Collected: 05/09/24 11:37

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 09:10	05/15/24 19:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			05/14/24 09:10	05/15/24 19:37	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 19:37	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 19:37	1
Toluene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 19:37	1
Xylenes, Total	ND		0.10	mg/Kg		05/14/24 09:10	05/15/24 19:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/14/24 09:10	05/15/24 19:37	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	18		9.6	mg/Kg		05/14/24 16:09	05/15/24 13:59	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 16:09	05/15/24 13:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	66		62 - 134			05/14/24 16:09	05/15/24 13:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		60	mg/Kg		05/15/24 07:57	05/15/24 14:19	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-19 4'

Lab Sample ID: 885-4368-36

Date Collected: 05/09/24 11:39

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/14/24 09:10	05/15/24 19:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/14/24 09:10	05/15/24 19:59	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 19:59	1
Ethylbenzene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 19:59	1
Toluene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 19:59	1
Xylenes, Total	ND		0.097	mg/Kg		05/14/24 09:10	05/15/24 19:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			05/14/24 09:10	05/15/24 19:59	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		05/14/24 16:09	05/15/24 11:55	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/14/24 16:09	05/15/24 11:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			05/14/24 16:09	05/15/24 11:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		05/15/24 07:57	05/15/24 14:56	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-20 4'

Lab Sample ID: 885-4368-37

Date Collected: 05/09/24 11:40

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 09:10	05/15/24 20:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			05/14/24 09:10	05/15/24 20:20	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 20:20	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 20:20	1
Toluene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 20:20	1
Xylenes, Total	ND		0.096	mg/Kg		05/14/24 09:10	05/15/24 20:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/14/24 09:10	05/15/24 20:20	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	9.6		9.5	mg/Kg		05/14/24 16:09	05/15/24 12:08	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/14/24 16:09	05/15/24 12:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	64		62 - 134			05/14/24 16:09	05/15/24 12:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		60	mg/Kg		05/15/24 07:57	05/15/24 15:08	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-21 4'

Lab Sample ID: 885-4368-38

Date Collected: 05/09/24 11:42

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		05/14/24 09:10	05/15/24 20:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			05/14/24 09:10	05/15/24 20:42	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 20:42	1
Ethylbenzene	ND		0.047	mg/Kg		05/14/24 09:10	05/15/24 20:42	1
Toluene	ND		0.047	mg/Kg		05/14/24 09:10	05/15/24 20:42	1
Xylenes, Total	ND		0.094	mg/Kg		05/14/24 09:10	05/15/24 20:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			05/14/24 09:10	05/15/24 20:42	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	34		9.4	mg/Kg		05/14/24 16:09	05/15/24 14:24	1
Motor Oil Range Organics [C28-C40]	70		47	mg/Kg		05/14/24 16:09	05/15/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			05/14/24 16:09	05/15/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		60	mg/Kg		05/15/24 07:57	05/15/24 15:21	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-22 4'

Lab Sample ID: 885-4368-39

Date Collected: 05/09/24 11:45

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 09:10	05/15/24 21:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/14/24 09:10	05/15/24 21:04	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 21:04	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 21:04	1
Toluene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 21:04	1
Xylenes, Total	ND		0.097	mg/Kg		05/14/24 09:10	05/15/24 21:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			05/14/24 09:10	05/15/24 21:04	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	210		19	mg/Kg		05/14/24 16:09	05/15/24 14:48	2
Motor Oil Range Organics [C28-C40]	300		96	mg/Kg		05/14/24 16:09	05/15/24 14:48	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	76		62 - 134			05/14/24 16:09	05/15/24 14:48	2

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		05/15/24 07:57	05/15/24 15:33	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-23 4'

Lab Sample ID: 885-4368-40

Date Collected: 05/09/24 11:46

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 09:10	05/15/24 21:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			05/14/24 09:10	05/15/24 21:26	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 21:26	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 21:26	1
Toluene	ND		0.048	mg/Kg		05/14/24 09:10	05/15/24 21:26	1
Xylenes, Total	ND		0.096	mg/Kg		05/14/24 09:10	05/15/24 21:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/14/24 09:10	05/15/24 21:26	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	31		9.6	mg/Kg		05/14/24 16:09	05/15/24 12:59	1
Motor Oil Range Organics [C28-C40]	67		48	mg/Kg		05/14/24 16:09	05/15/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			05/14/24 16:09	05/15/24 12:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		60	mg/Kg		05/15/24 07:57	05/15/24 15:45	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-24 4'

Lab Sample ID: 885-4368-41

Date Collected: 05/09/24 11:48

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 09:10	05/15/24 21:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/14/24 09:10	05/15/24 21:48	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 21:48	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 21:48	1
Toluene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 21:48	1
Xylenes, Total	ND		0.099	mg/Kg		05/14/24 09:10	05/15/24 21:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/14/24 09:10	05/15/24 21:48	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		8.8	mg/Kg		05/14/24 16:09	05/15/24 13:24	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		05/14/24 16:09	05/15/24 13:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	68		62 - 134			05/14/24 16:09	05/15/24 13:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		05/15/24 07:57	05/15/24 15:58	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-25 5'

Lab Sample ID: 885-4368-42

Date Collected: 05/09/24 11:50

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/14/24 09:10	05/15/24 22:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			05/14/24 09:10	05/15/24 22:09	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 09:10	05/15/24 22:09	1
Ethylbenzene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 22:09	1
Toluene	ND		0.049	mg/Kg		05/14/24 09:10	05/15/24 22:09	1
Xylenes, Total	ND		0.097	mg/Kg		05/14/24 09:10	05/15/24 22:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			05/14/24 09:10	05/15/24 22:09	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		05/14/24 16:09	05/15/24 17:09	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/14/24 16:09	05/15/24 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	64		62 - 134			05/14/24 16:09	05/15/24 17:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96		60	mg/Kg		05/15/24 14:26	05/15/24 20:54	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-26 5'

Lab Sample ID: 885-4368-43

Date Collected: 05/09/24 11:52

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 14:16	05/16/24 11:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			05/14/24 14:16	05/16/24 11:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 14:16	05/16/24 11:27	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 14:16	05/16/24 11:27	1
Toluene	ND		0.050	mg/Kg		05/14/24 14:16	05/16/24 11:27	1
Xylenes, Total	ND		0.10	mg/Kg		05/14/24 14:16	05/16/24 11:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			05/14/24 14:16	05/16/24 11:27	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	37		9.3	mg/Kg		05/15/24 11:48	05/15/24 16:19	1
Motor Oil Range Organics [C28-C40]	140		46	mg/Kg		05/15/24 11:48	05/15/24 16:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			05/15/24 11:48	05/15/24 16:19	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		60	mg/Kg		05/15/24 14:26	05/15/24 21:06	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-27 5'

Lab Sample ID: 885-4368-44

Date Collected: 05/09/24 11:55

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/14/24 14:16	05/16/24 11:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			05/14/24 14:16	05/16/24 11:51	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 14:16	05/16/24 11:51	1
Ethylbenzene	ND		0.049	mg/Kg		05/14/24 14:16	05/16/24 11:51	1
Toluene	ND		0.049	mg/Kg		05/14/24 14:16	05/16/24 11:51	1
Xylenes, Total	ND		0.097	mg/Kg		05/14/24 14:16	05/16/24 11:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			05/14/24 14:16	05/16/24 11:51	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	69		9.5	mg/Kg		05/15/24 11:48	05/15/24 18:39	1
Motor Oil Range Organics [C28-C40]	160		48	mg/Kg		05/15/24 11:48	05/15/24 18:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			05/15/24 11:48	05/15/24 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94		59	mg/Kg		05/15/24 14:26	05/15/24 21:43	20

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Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-28 5'

Lab Sample ID: 885-4368-45

Date Collected: 05/09/24 11:58

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		05/14/24 14:16	05/16/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			05/14/24 14:16	05/16/24 12:15	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 14:16	05/16/24 12:15	1
Ethylbenzene	ND		0.049	mg/Kg		05/14/24 14:16	05/16/24 12:15	1
Toluene	ND		0.049	mg/Kg		05/14/24 14:16	05/16/24 12:15	1
Xylenes, Total	ND		0.099	mg/Kg		05/14/24 14:16	05/16/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			05/14/24 14:16	05/16/24 12:15	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	120		8.9	mg/Kg		05/15/24 11:48	05/15/24 16:07	1
Motor Oil Range Organics [C28-C40]	280		44	mg/Kg		05/15/24 11:48	05/15/24 16:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			05/15/24 11:48	05/15/24 16:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		60	mg/Kg		05/15/24 14:26	05/15/24 22:21	20

Client Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-29 5'

Lab Sample ID: 885-4368-46

Date Collected: 05/09/24 12:00

Matrix: Solid

Date Received: 05/11/24 09:39

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/14/24 14:59	05/16/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			05/14/24 14:59	05/16/24 12:38	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		05/14/24 14:59	05/16/24 12:38	1
Ethylbenzene	ND		0.048	mg/Kg		05/14/24 14:59	05/16/24 12:38	1
Toluene	ND		0.048	mg/Kg		05/14/24 14:59	05/16/24 12:38	1
Xylenes, Total	ND		0.096	mg/Kg		05/14/24 14:59	05/16/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			05/14/24 14:59	05/16/24 12:38	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	46		9.4	mg/Kg		05/15/24 11:48	05/15/24 19:05	1
Motor Oil Range Organics [C28-C40]	120		47	mg/Kg		05/15/24 11:48	05/15/24 19:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			05/15/24 11:48	05/15/24 19:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93		60	mg/Kg		05/15/24 14:26	05/15/24 22:33	20

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-4861/1-A
Matrix: Solid
Analysis Batch: 5069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4861

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/13/24 14:02	05/14/24 18:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			05/13/24 14:02	05/14/24 18:05	1

Lab Sample ID: LCS 885-4861/2-A
Matrix: Solid
Analysis Batch: 5069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	22.4		mg/Kg		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	190	S1+	35 - 166				

Lab Sample ID: MB 885-4889/1-A
Matrix: Solid
Analysis Batch: 4969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4889

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/13/24 16:12	05/14/24 21:54	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			05/13/24 16:12	05/14/24 21:54	1

Lab Sample ID: LCS 885-4889/2-A
Matrix: Solid
Analysis Batch: 4969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	27.9		mg/Kg		112	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	205	S1+	35 - 166				

Lab Sample ID: 885-4368-4 MS
Matrix: Solid
Analysis Batch: 4969

Client Sample ID: WS24-04 0-4'
Prep Type: Total/NA
Prep Batch: 4889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.5	24.2		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	196	S1+	35 - 166						

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-4368-4 MSD
Matrix: Solid
Analysis Batch: 4969

Client Sample ID: WS24-04 0-4'
Prep Type: Total/NA
Prep Batch: 4889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics [C6 - C10]	ND		24.2	23.1		mg/Kg		95	70 - 130	5	20
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	193	S1+	35 - 166								

Lab Sample ID: MB 885-4918/1-A
Matrix: Solid
Analysis Batch: 5072

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4918

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 09:10	05/15/24 13:06	1
Surrogate	%Recovery	MB Qualifier	Limits					
4-Bromofluorobenzene (Surr)	92		35 - 166					
				Prepared		Analyzed		
				05/14/24 09:10		05/15/24 13:06	1	

Lab Sample ID: LCS 885-4918/2-A
Matrix: Solid
Analysis Batch: 5072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	22.7		mg/Kg		91	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	193	S1+	35 - 166				

Lab Sample ID: 885-4368-24 MS
Matrix: Solid
Analysis Batch: 5072

Client Sample ID: BS24-07 4'
Prep Type: Total/NA
Prep Batch: 4918

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.7	24.7		mg/Kg		100	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	209	S1+	35 - 166						

Lab Sample ID: 885-4368-24 MSD
Matrix: Solid
Analysis Batch: 5072

Client Sample ID: BS24-07 4'
Prep Type: Total/NA
Prep Batch: 4918

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics [C6 - C10]	ND		24.9	25.7		mg/Kg		103	70 - 130	4	20
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	214	S1+	35 - 166								

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-4964/1-A
Matrix: Solid
Analysis Batch: 5136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4964

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 14:16	05/16/24 11:04	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			05/14/24 14:16	05/16/24 11:04	1

Lab Sample ID: LCS 885-4964/2-A
Matrix: Solid
Analysis Batch: 5136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4964

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.0		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	189	S1+	35 - 166				

Lab Sample ID: 885-4368-43 MS
Matrix: Solid
Analysis Batch: 5136

Client Sample ID: BS24-26 5'
Prep Type: Total/NA
Prep Batch: 4964

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.5	23.7		mg/Kg		97	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	197	S1+	35 - 166						

Lab Sample ID: 885-4368-43 MSD
Matrix: Solid
Analysis Batch: 5136

Client Sample ID: BS24-26 5'
Prep Type: Total/NA
Prep Batch: 4964

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.7	23.2		mg/Kg		94	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	190	S1+	35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-4861/1-A
Matrix: Solid
Analysis Batch: 5071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4861

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 14:02	05/14/24 18:05	1
Ethylbenzene	ND		0.050	mg/Kg		05/13/24 14:02	05/14/24 18:05	1
Toluene	ND		0.050	mg/Kg		05/13/24 14:02	05/14/24 18:05	1

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-4861/1-A
Matrix: Solid
Analysis Batch: 5071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4861

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		05/13/24 14:02	05/14/24 18:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145	05/13/24 14:02	05/14/24 18:05	1

Lab Sample ID: LCS 885-4861/3-A
Matrix: Solid
Analysis Batch: 5071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.940		mg/Kg		94	70 - 130
Ethylbenzene	1.00	0.946		mg/Kg		95	70 - 130
m,p-Xylene	2.00	1.88		mg/Kg		94	70 - 130
o-Xylene	1.00	0.936		mg/Kg		94	70 - 130
Toluene	1.00	0.930		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		48 - 145

Lab Sample ID: MB 885-4889/1-A
Matrix: Solid
Analysis Batch: 4970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4889

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/13/24 16:12	05/14/24 21:54	1
Ethylbenzene	ND		0.050	mg/Kg		05/13/24 16:12	05/14/24 21:54	1
Toluene	ND		0.050	mg/Kg		05/13/24 16:12	05/14/24 21:54	1
Xylenes, Total	ND		0.10	mg/Kg		05/13/24 16:12	05/14/24 21:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145	05/13/24 16:12	05/14/24 21:54	1

Lab Sample ID: LCS 885-4889/3-A
Matrix: Solid
Analysis Batch: 4970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.853		mg/Kg		85	70 - 130
Ethylbenzene	1.00	0.826		mg/Kg		83	70 - 130
m,p-Xylene	2.00	1.69		mg/Kg		85	70 - 130
o-Xylene	1.00	0.813		mg/Kg		81	70 - 130
Toluene	1.00	0.812		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		48 - 145

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-4368-5 MS
Matrix: Solid
Analysis Batch: 4970

Client Sample ID: WS24-05 0-4'
Prep Type: Total/NA
Prep Batch: 4889

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits	
	Result	Qualifier	Added	Result	Qualifier					
Benzene	ND		0.990	0.909		mg/Kg		92	70 - 130	
Ethylbenzene	ND		0.990	0.890		mg/Kg		90	70 - 130	
m,p-Xylene	ND		1.98	1.80		mg/Kg		90	70 - 130	
o-Xylene	ND		0.990	0.898		mg/Kg		91	70 - 130	
Toluene	ND		0.990	0.869		mg/Kg		86	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	91		48 - 145							

Lab Sample ID: 885-4368-5 MSD
Matrix: Solid
Analysis Batch: 4970

Client Sample ID: WS24-05 0-4'
Prep Type: Total/NA
Prep Batch: 4889

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
Benzene	ND		0.982	0.904		mg/Kg		92	70 - 130	1	20
Ethylbenzene	ND		0.982	0.892		mg/Kg		91	70 - 130	0	20
m,p-Xylene	ND		1.96	1.80		mg/Kg		90	70 - 130	0	20
o-Xylene	ND		0.982	0.888		mg/Kg		90	70 - 130	1	20
Toluene	ND		0.982	0.871		mg/Kg		87	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	93		48 - 145								

Lab Sample ID: MB 885-4918/1-A
Matrix: Solid
Analysis Batch: 5074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4918

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		05/14/24 09:10	05/15/24 13:06	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 13:06	1
Toluene	ND		0.050	mg/Kg		05/14/24 09:10	05/15/24 13:06	1
Xylenes, Total	ND		0.10	mg/Kg		05/14/24 09:10	05/15/24 13:06	1
		MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	89		48 - 145	05/14/24 09:10	05/15/24 13:06	1		

Lab Sample ID: LCS 885-4918/3-A
Matrix: Solid
Analysis Batch: 5074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4918

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	1.00	0.908		mg/Kg		91	70 - 130
Ethylbenzene	1.00	0.913		mg/Kg		91	70 - 130
m,p-Xylene	2.00	1.81		mg/Kg		91	70 - 130
o-Xylene	1.00	0.903		mg/Kg		90	70 - 130
Toluene	1.00	0.914		mg/Kg		91	70 - 130

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-4918/3-A
Matrix: Solid
Analysis Batch: 5074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4918

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	90		48 - 145

Lab Sample ID: 885-4368-25 MS
Matrix: Solid
Analysis Batch: 5074

Client Sample ID: BS24-08 4'
Prep Type: Total/NA
Prep Batch: 4918

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit	
Benzene	ND		0.997	0.912		mg/Kg		91	70 - 130		
Ethylbenzene	ND		0.997	0.935		mg/Kg		94	70 - 130		
m,p-Xylene	ND		1.99	1.86		mg/Kg		93	70 - 130		
o-Xylene	ND		0.997	0.926		mg/Kg		93	70 - 130		
Toluene	ND		0.997	0.918		mg/Kg		92	70 - 130		
Surrogate	MS MS		Limits								
%Recovery	Qualifier										
4-Bromofluorobenzene (Surr)	87		48 - 145								

Lab Sample ID: 885-4368-25 MSD
Matrix: Solid
Analysis Batch: 5074

Client Sample ID: BS24-08 4'
Prep Type: Total/NA
Prep Batch: 4918

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Benzene	ND		0.966	0.925		mg/Kg		96	70 - 130	1	20	
Ethylbenzene	ND		0.966	0.958		mg/Kg		99	70 - 130	2	20	
m,p-Xylene	ND		1.93	1.90		mg/Kg		98	70 - 130	2	20	
o-Xylene	ND		0.966	0.960		mg/Kg		99	70 - 130	4	20	
Toluene	ND		0.966	0.938		mg/Kg		97	70 - 130	2	20	
Surrogate	MSD MSD		Limits									
%Recovery	Qualifier											
4-Bromofluorobenzene (Surr)	89		48 - 145									

Lab Sample ID: MB 885-4964/1-A
Matrix: Solid
Analysis Batch: 5137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4964

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		05/14/24 14:16	05/16/24 11:04	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 14:16	05/16/24 11:04	1
Toluene	ND		0.050	mg/Kg		05/14/24 14:16	05/16/24 11:04	1
Xylenes, Total	ND		0.10	mg/Kg		05/14/24 14:16	05/16/24 11:04	1
Surrogate	MB MB		Limits					
%Recovery	Qualifier			Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	89		48 - 145	05/14/24 14:16	05/16/24 11:04	1		

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-4964/3-A
Matrix: Solid
Analysis Batch: 5137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4964

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							Lower	Upper
Benzene	1.00	0.917		mg/Kg		92	70 - 130	
Ethylbenzene	1.00	0.878		mg/Kg		88	70 - 130	
m,p-Xylene	2.00	1.76		mg/Kg		88	70 - 130	
o-Xylene	1.00	0.862		mg/Kg		86	70 - 130	
Toluene	1.00	0.864		mg/Kg		86	70 - 130	
LCS LCS								
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	90		48 - 145					

Lab Sample ID: 885-4368-44 MS
Matrix: Solid
Analysis Batch: 5137

Client Sample ID: BS24-27 5'
Prep Type: Total/NA
Prep Batch: 4964

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
									Lower	Upper
Benzene	ND		0.999	0.930		mg/Kg		93	70 - 130	
Ethylbenzene	ND		0.999	0.899		mg/Kg		90	70 - 130	
m,p-Xylene	ND		2.00	1.80		mg/Kg		89	70 - 130	
o-Xylene	ND		0.999	0.878		mg/Kg		88	70 - 130	
Toluene	ND		0.999	0.883		mg/Kg		87	70 - 130	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	91		48 - 145							

Lab Sample ID: 885-4368-44 MSD
Matrix: Solid
Analysis Batch: 5137

Client Sample ID: BS24-27 5'
Prep Type: Total/NA
Prep Batch: 4964

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
									Lower	Upper	RPD	Limit
Benzene	ND		0.969	0.873		mg/Kg		90	70 - 130	6	20	
Ethylbenzene	ND		0.969	0.851		mg/Kg		88	70 - 130	5	20	
m,p-Xylene	ND		1.94	1.71		mg/Kg		87	70 - 130	5	20	
o-Xylene	ND		0.969	0.837		mg/Kg		86	70 - 130	5	20	
Toluene	ND		0.969	0.837		mg/Kg		85	70 - 130	5	20	
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	87		48 - 145									

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-4955/1-A
Matrix: Solid
Analysis Batch: 4985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4955

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/14/24 11:27	05/14/24 13:33	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/14/24 11:27	05/14/24 13:33	1

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-4955/1-A
Matrix: Solid
Analysis Batch: 4985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4955

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Di-n-octyl phthalate (Surr)	88		62 - 134	05/14/24 11:27	05/14/24 13:33	1

Lab Sample ID: 885-4368-2 MS
Matrix: Solid
Analysis Batch: 4985

Client Sample ID: WS24-02 0-4'
Prep Type: Total/NA
Prep Batch: 4955

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec	Limits
	Result	Qualifier		Result	Qualifier					
Diesel Range Organics [C10-C28]	ND		45.7	44.4		mg/Kg		97	44 - 136	
Surrogate	MS MS		Limits							
%Recovery	Qualifier									
Di-n-octyl phthalate (Surr)	104		62 - 134							

Lab Sample ID: 885-4368-2 MSD
Matrix: Solid
Analysis Batch: 4985

Client Sample ID: WS24-02 0-4'
Prep Type: Total/NA
Prep Batch: 4955

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		47.7	48.2		mg/Kg		101	44 - 136	8	32	
Surrogate	MSD MSD		Limits									
%Recovery	Qualifier											
Di-n-octyl phthalate (Surr)	103		62 - 134									

Lab Sample ID: MB 885-4961/1-A
Matrix: Solid
Analysis Batch: 5004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4961

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/14/24 13:46	05/14/24 15:42	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/14/24 13:46	05/14/24 15:42	1
Surrogate	MB MB		Limits					
%Recovery	Qualifier							
Di-n-octyl phthalate (Surr)	93		62 - 134	05/14/24 13:46	05/14/24 15:42	1		

Lab Sample ID: LCS 885-4961/2-A
Matrix: Solid
Analysis Batch: 5004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4961

Analyte	Spike	LCS LCS		Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Diesel Range Organics [C10-C28]	50.0	47.7		mg/Kg		95	60 - 135	
Surrogate	LCS LCS		Limits					
%Recovery	Qualifier							
Di-n-octyl phthalate (Surr)	108		62 - 134					

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-4368-22 MS
Matrix: Solid
Analysis Batch: 5004

Client Sample ID: BS24-05 4'
Prep Type: Total/NA
Prep Batch: 4961

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		46.7	47.1		mg/Kg		101	44 - 136
Surrogate	%Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	107		62 - 134						

Lab Sample ID: 885-4368-22 MSD
Matrix: Solid
Analysis Batch: 5004

Client Sample ID: BS24-05 4'
Prep Type: Total/NA
Prep Batch: 4961

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		44.5	45.6		mg/Kg		102	44 - 136	3	32
Surrogate	%Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	102		62 - 134								

Lab Sample ID: MB 885-4981/1-A
Matrix: Solid
Analysis Batch: 5073

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4981

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/14/24 16:09	05/15/24 11:25	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/14/24 16:09	05/15/24 11:25	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	121		62 - 134			05/14/24 16:09	05/15/24 11:25	1

Lab Sample ID: LCS 885-4981/2-A
Matrix: Solid
Analysis Batch: 5073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4981

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	47.5		mg/Kg		95	60 - 135
Surrogate	%Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	103		62 - 134				

Lab Sample ID: 885-4368-42 MS
Matrix: Solid
Analysis Batch: 5077

Client Sample ID: BS24-25 5'
Prep Type: Total/NA
Prep Batch: 4981

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		48.5	30.3		mg/Kg		62	44 - 136

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-4368-42 MS
Matrix: Solid
Analysis Batch: 5077

Client Sample ID: BS24-25 5'
Prep Type: Total/NA
Prep Batch: 4981

Surrogate	%Recovery	MS MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	99		62 - 134

Lab Sample ID: 885-4368-42 MSD
Matrix: Solid
Analysis Batch: 5077

Client Sample ID: BS24-25 5'
Prep Type: Total/NA
Prep Batch: 4981

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		48.2	26.6		mg/Kg		55	44 - 136	13	32

Surrogate	%Recovery	MSD MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	87		62 - 134

Lab Sample ID: MB 885-5028/1-A
Matrix: Solid
Analysis Batch: 5077

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5028

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/15/24 11:48	05/15/24 13:49	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/15/24 11:48	05/15/24 13:49	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134	05/15/24 11:48	05/15/24 13:49	1

Lab Sample ID: LCS 885-5028/2-A
Matrix: Solid
Analysis Batch: 5077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	48.0		mg/Kg		96	60 - 135

Surrogate	%Recovery	LCS LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	117		62 - 134

Lab Sample ID: MB 885-5106/1-A
Matrix: Solid
Analysis Batch: 5135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5106

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/16/24 11:13	05/16/24 20:57	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/16/24 11:13	05/16/24 20:57	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134	05/16/24 11:13	05/16/24 20:57	1

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-5106/2-A
Matrix: Solid
Analysis Batch: 5135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	48.2		mg/Kg		96	60 - 135
Surrogate		LCS %Recovery	LCS Qualifier				Limits
Di-n-octyl phthalate (Surr)		100					62 - 134

Lab Sample ID: 885-4368-27 MS
Matrix: Solid
Analysis Batch: 5135

Client Sample ID: BS24-10 4'
Prep Type: Total/NA
Prep Batch: 5106

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		49.5	46.3		mg/Kg		94	44 - 136
Surrogate		MS %Recovery		MS Qualifier					Limits
Di-n-octyl phthalate (Surr)		100							62 - 134

Lab Sample ID: 885-4368-27 MSD
Matrix: Solid
Analysis Batch: 5135

Client Sample ID: BS24-10 4'
Prep Type: Total/NA
Prep Batch: 5106

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	ND		49.0	46.6		mg/Kg		95	44 - 136	1	32
Surrogate		MSD %Recovery		MSD Qualifier					Limits		
Di-n-octyl phthalate (Surr)		105							62 - 134		

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-4979/1-A
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4979

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		05/14/24 16:00	05/14/24 16:30	1

Lab Sample ID: LCS 885-4979/2-A
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4979

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	13.8		mg/Kg		92	90 - 110

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QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-4982/1-A
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4982

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		05/14/24 16:16	05/15/24 00:35	1

Lab Sample ID: LCS 885-4982/2-A
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	13.9		mg/Kg		93	90 - 110

Lab Sample ID: 885-4368-9 MS
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: WS24-09 0-4'
Prep Type: Total/NA
Prep Batch: 4982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	87		29.8	108		mg/Kg		70	50 - 150

Lab Sample ID: 885-4368-9 MSD
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: WS24-09 0-4'
Prep Type: Total/NA
Prep Batch: 4982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87		29.9	104		mg/Kg		57	50 - 150	4	20

Lab Sample ID: 885-4368-10 MS
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: WS24-10 0-4'
Prep Type: Total/NA
Prep Batch: 4982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	94		30.1	124		mg/Kg		101	50 - 150

Lab Sample ID: 885-4368-10 MSD
Matrix: Solid
Analysis Batch: 5015

Client Sample ID: WS24-10 0-4'
Prep Type: Total/NA
Prep Batch: 4982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94		29.7	120		mg/Kg		89	50 - 150	3	20

Lab Sample ID: MB 885-4995/1-A
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4995

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		05/15/24 07:57	05/15/24 10:03	1

Lab Sample ID: LCS 885-4995/2-A
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	13.7		mg/Kg		91	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-4995/3-A
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4995

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.50	1.57		mg/L		105	50 - 150

Lab Sample ID: 885-4368-29 MS
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: BS24-12 4'
Prep Type: Total/NA
Prep Batch: 4995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	150		30.0	184	4	mg/Kg		99	50 - 150

Lab Sample ID: 885-4368-29 MSD
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: BS24-12 4'
Prep Type: Total/NA
Prep Batch: 4995

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	150		30.2	190	4	mg/Kg		118	50 - 150	3	20

Lab Sample ID: MB 885-5043/1-A
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5043

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		05/15/24 14:26	05/15/24 20:29	1

Lab Sample ID: LCS 885-5043/2-A
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.0		mg/Kg		93	90 - 110

Lab Sample ID: 885-4368-43 MS
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: BS24-26 5'
Prep Type: Total/NA
Prep Batch: 5043

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100		29.9	126		mg/Kg		72	50 - 150

Lab Sample ID: 885-4368-43 MSD
Matrix: Solid
Analysis Batch: 5082

Client Sample ID: BS24-26 5'
Prep Type: Total/NA
Prep Batch: 5043

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	100		29.9	126		mg/Kg		73	50 - 150	0	20

Lab Sample ID: MB 885-5167/4
Matrix: Solid
Analysis Batch: 5167

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/Kg			05/16/24 09:32	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-5167/3
Matrix: Solid
Analysis Batch: 5167

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.520		mg/L		104	50 - 150

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

QC Association Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC VOA

Prep Batch: 4861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-1	WS24-01 0-4'	Total/NA	Solid	5030C	
885-4368-2	WS24-02 0-4'	Total/NA	Solid	5030C	
885-4368-3	WS24-03 0-4'	Total/NA	Solid	5030C	
MB 885-4861/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4861/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-4861/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 4889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-4	WS24-04 0-4'	Total/NA	Solid	5030C	
885-4368-5	WS24-05 0-4'	Total/NA	Solid	5030C	
885-4368-6	WS24-06 0-4'	Total/NA	Solid	5030C	
885-4368-7	WS24-07 0-4'	Total/NA	Solid	5030C	
885-4368-8	WS24-08 0-4'	Total/NA	Solid	5030C	
885-4368-9	WS24-09 0-4'	Total/NA	Solid	5030C	
885-4368-10	WS24-10 0-4'	Total/NA	Solid	5030C	
885-4368-11	WS24-11 0-4'	Total/NA	Solid	5030C	
885-4368-12	WS24-12 0-4'	Total/NA	Solid	5030C	
885-4368-13	WS24-13 0-4'	Total/NA	Solid	5030C	
885-4368-14	WS24-14 0-5'	Total/NA	Solid	5030C	
885-4368-15	WS24-15 0-5'	Total/NA	Solid	5030C	
885-4368-16	WS24-16 0-5'	Total/NA	Solid	5030C	
885-4368-17	WS24-17 0-5'	Total/NA	Solid	5030C	
885-4368-18	BS24-01 4'	Total/NA	Solid	5030C	
885-4368-19	BS24-02 4'	Total/NA	Solid	5030C	
885-4368-20	BS24-03 4'	Total/NA	Solid	5030C	
885-4368-21	BS24-04 4'	Total/NA	Solid	5030C	
885-4368-22	BS24-05 4'	Total/NA	Solid	5030C	
885-4368-23	BS24-06 4'	Total/NA	Solid	5030C	
MB 885-4889/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4889/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-4889/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-4368-4 MS	WS24-04 0-4'	Total/NA	Solid	5030C	
885-4368-4 MSD	WS24-04 0-4'	Total/NA	Solid	5030C	
885-4368-5 MS	WS24-05 0-4'	Total/NA	Solid	5030C	
885-4368-5 MSD	WS24-05 0-4'	Total/NA	Solid	5030C	

Prep Batch: 4918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-24	BS24-07 4'	Total/NA	Solid	5030C	
885-4368-25	BS24-08 4'	Total/NA	Solid	5030C	
885-4368-26	BS24-09 4'	Total/NA	Solid	5030C	
885-4368-27	BS24-10 4'	Total/NA	Solid	5030C	
885-4368-28	BS24-11 4'	Total/NA	Solid	5030C	
885-4368-29	BS24-12 4'	Total/NA	Solid	5030C	
885-4368-30	BS24-13 4'	Total/NA	Solid	5030C	
885-4368-31	BS24-14 4'	Total/NA	Solid	5030C	
885-4368-32	BS24-15 4'	Total/NA	Solid	5030C	
885-4368-33	BS24-16 4'	Total/NA	Solid	5030C	
885-4368-34	BS24-17 4'	Total/NA	Solid	5030C	
885-4368-35	BS24-18 4'	Total/NA	Solid	5030C	

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QC Association Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC VOA (Continued)

Prep Batch: 4918 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-36	BS24-19 4'	Total/NA	Solid	5030C	
885-4368-37	BS24-20 4'	Total/NA	Solid	5030C	
885-4368-38	BS24-21 4'	Total/NA	Solid	5030C	
885-4368-39	BS24-22 4'	Total/NA	Solid	5030C	
885-4368-40	BS24-23 4'	Total/NA	Solid	5030C	
885-4368-41	BS24-24 4'	Total/NA	Solid	5030C	
885-4368-42	BS24-25 5'	Total/NA	Solid	5030C	
MB 885-4918/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4918/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-4918/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-4368-24 MS	BS24-07 4'	Total/NA	Solid	5030C	
885-4368-24 MSD	BS24-07 4'	Total/NA	Solid	5030C	
885-4368-25 MS	BS24-08 4'	Total/NA	Solid	5030C	
885-4368-25 MSD	BS24-08 4'	Total/NA	Solid	5030C	

Prep Batch: 4964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-43	BS24-26 5'	Total/NA	Solid	5030C	
885-4368-44	BS24-27 5'	Total/NA	Solid	5030C	
885-4368-45	BS24-28 5'	Total/NA	Solid	5030C	
885-4368-46	BS24-29 5'	Total/NA	Solid	5030C	
MB 885-4964/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4964/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-4964/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-4368-43 MS	BS24-26 5'	Total/NA	Solid	5030C	
885-4368-43 MSD	BS24-26 5'	Total/NA	Solid	5030C	
885-4368-44 MS	BS24-27 5'	Total/NA	Solid	5030C	
885-4368-44 MSD	BS24-27 5'	Total/NA	Solid	5030C	

Analysis Batch: 4969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-4	WS24-04 0-4'	Total/NA	Solid	8015D	4889
885-4368-5	WS24-05 0-4'	Total/NA	Solid	8015D	4889
885-4368-6	WS24-06 0-4'	Total/NA	Solid	8015D	4889
885-4368-7	WS24-07 0-4'	Total/NA	Solid	8015D	4889
885-4368-8	WS24-08 0-4'	Total/NA	Solid	8015D	4889
885-4368-9	WS24-09 0-4'	Total/NA	Solid	8015D	4889
885-4368-10	WS24-10 0-4'	Total/NA	Solid	8015D	4889
885-4368-11	WS24-11 0-4'	Total/NA	Solid	8015D	4889
885-4368-12	WS24-12 0-4'	Total/NA	Solid	8015D	4889
885-4368-13	WS24-13 0-4'	Total/NA	Solid	8015D	4889
885-4368-14	WS24-14 0-5'	Total/NA	Solid	8015D	4889
885-4368-15	WS24-15 0-5'	Total/NA	Solid	8015D	4889
885-4368-16	WS24-16 0-5'	Total/NA	Solid	8015D	4889
885-4368-17	WS24-17 0-5'	Total/NA	Solid	8015D	4889
885-4368-18	BS24-01 4'	Total/NA	Solid	8015D	4889
885-4368-19	BS24-02 4'	Total/NA	Solid	8015D	4889
885-4368-20	BS24-03 4'	Total/NA	Solid	8015D	4889
885-4368-21	BS24-04 4'	Total/NA	Solid	8015D	4889
885-4368-22	BS24-05 4'	Total/NA	Solid	8015D	4889
885-4368-23	BS24-06 4'	Total/NA	Solid	8015D	4889

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QC Association Summary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC VOA (Continued)

Analysis Batch: 4969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-4889/1-A	Method Blank	Total/NA	Solid	8015D	4889
LCS 885-4889/2-A	Lab Control Sample	Total/NA	Solid	8015D	4889
885-4368-4 MS	WS24-04 0-4'	Total/NA	Solid	8015D	4889
885-4368-4 MSD	WS24-04 0-4'	Total/NA	Solid	8015D	4889

Analysis Batch: 4970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-4	WS24-04 0-4'	Total/NA	Solid	8021B	4889
885-4368-5	WS24-05 0-4'	Total/NA	Solid	8021B	4889
885-4368-6	WS24-06 0-4'	Total/NA	Solid	8021B	4889
885-4368-7	WS24-07 0-4'	Total/NA	Solid	8021B	4889
885-4368-8	WS24-08 0-4'	Total/NA	Solid	8021B	4889
885-4368-9	WS24-09 0-4'	Total/NA	Solid	8021B	4889
885-4368-10	WS24-10 0-4'	Total/NA	Solid	8021B	4889
885-4368-11	WS24-11 0-4'	Total/NA	Solid	8021B	4889
885-4368-12	WS24-12 0-4'	Total/NA	Solid	8021B	4889
885-4368-13	WS24-13 0-4'	Total/NA	Solid	8021B	4889
885-4368-14	WS24-14 0-5'	Total/NA	Solid	8021B	4889
885-4368-15	WS24-15 0-5'	Total/NA	Solid	8021B	4889
885-4368-16	WS24-16 0-5'	Total/NA	Solid	8021B	4889
885-4368-17	WS24-17 0-5'	Total/NA	Solid	8021B	4889
885-4368-18	BS24-01 4'	Total/NA	Solid	8021B	4889
885-4368-19	BS24-02 4'	Total/NA	Solid	8021B	4889
885-4368-20	BS24-03 4'	Total/NA	Solid	8021B	4889
885-4368-21	BS24-04 4'	Total/NA	Solid	8021B	4889
885-4368-22	BS24-05 4'	Total/NA	Solid	8021B	4889
885-4368-23	BS24-06 4'	Total/NA	Solid	8021B	4889
MB 885-4889/1-A	Method Blank	Total/NA	Solid	8021B	4889
LCS 885-4889/3-A	Lab Control Sample	Total/NA	Solid	8021B	4889
885-4368-5 MS	WS24-05 0-4'	Total/NA	Solid	8021B	4889
885-4368-5 MSD	WS24-05 0-4'	Total/NA	Solid	8021B	4889

Analysis Batch: 5069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-1	WS24-01 0-4'	Total/NA	Solid	8015D	4861
885-4368-2	WS24-02 0-4'	Total/NA	Solid	8015D	4861
885-4368-3	WS24-03 0-4'	Total/NA	Solid	8015D	4861
MB 885-4861/1-A	Method Blank	Total/NA	Solid	8015D	4861
LCS 885-4861/2-A	Lab Control Sample	Total/NA	Solid	8015D	4861

Analysis Batch: 5071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-1	WS24-01 0-4'	Total/NA	Solid	8021B	4861
885-4368-2	WS24-02 0-4'	Total/NA	Solid	8021B	4861
885-4368-3	WS24-03 0-4'	Total/NA	Solid	8021B	4861
MB 885-4861/1-A	Method Blank	Total/NA	Solid	8021B	4861
LCS 885-4861/3-A	Lab Control Sample	Total/NA	Solid	8021B	4861

Analysis Batch: 5072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-24	BS24-07 4'	Total/NA	Solid	8015D	4918

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QC Association Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC VOA (Continued)

Analysis Batch: 5072 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-25	BS24-08 4'	Total/NA	Solid	8015D	4918
885-4368-26	BS24-09 4'	Total/NA	Solid	8015D	4918
885-4368-27	BS24-10 4'	Total/NA	Solid	8015D	4918
885-4368-28	BS24-11 4'	Total/NA	Solid	8015D	4918
885-4368-29	BS24-12 4'	Total/NA	Solid	8015D	4918
885-4368-30	BS24-13 4'	Total/NA	Solid	8015D	4918
885-4368-31	BS24-14 4'	Total/NA	Solid	8015D	4918
885-4368-32	BS24-15 4'	Total/NA	Solid	8015D	4918
885-4368-33	BS24-16 4'	Total/NA	Solid	8015D	4918
885-4368-34	BS24-17 4'	Total/NA	Solid	8015D	4918
885-4368-35	BS24-18 4'	Total/NA	Solid	8015D	4918
885-4368-36	BS24-19 4'	Total/NA	Solid	8015D	4918
885-4368-37	BS24-20 4'	Total/NA	Solid	8015D	4918
885-4368-38	BS24-21 4'	Total/NA	Solid	8015D	4918
885-4368-39	BS24-22 4'	Total/NA	Solid	8015D	4918
885-4368-40	BS24-23 4'	Total/NA	Solid	8015D	4918
885-4368-41	BS24-24 4'	Total/NA	Solid	8015D	4918
885-4368-42	BS24-25 5'	Total/NA	Solid	8015D	4918
MB 885-4918/1-A	Method Blank	Total/NA	Solid	8015D	4918
LCS 885-4918/2-A	Lab Control Sample	Total/NA	Solid	8015D	4918
885-4368-24 MS	BS24-07 4'	Total/NA	Solid	8015D	4918
885-4368-24 MSD	BS24-07 4'	Total/NA	Solid	8015D	4918

Analysis Batch: 5074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-24	BS24-07 4'	Total/NA	Solid	8021B	4918
885-4368-25	BS24-08 4'	Total/NA	Solid	8021B	4918
885-4368-26	BS24-09 4'	Total/NA	Solid	8021B	4918
885-4368-27	BS24-10 4'	Total/NA	Solid	8021B	4918
885-4368-28	BS24-11 4'	Total/NA	Solid	8021B	4918
885-4368-29	BS24-12 4'	Total/NA	Solid	8021B	4918
885-4368-30	BS24-13 4'	Total/NA	Solid	8021B	4918
885-4368-31	BS24-14 4'	Total/NA	Solid	8021B	4918
885-4368-32	BS24-15 4'	Total/NA	Solid	8021B	4918
885-4368-33	BS24-16 4'	Total/NA	Solid	8021B	4918
885-4368-34	BS24-17 4'	Total/NA	Solid	8021B	4918
885-4368-35	BS24-18 4'	Total/NA	Solid	8021B	4918
885-4368-36	BS24-19 4'	Total/NA	Solid	8021B	4918
885-4368-37	BS24-20 4'	Total/NA	Solid	8021B	4918
885-4368-38	BS24-21 4'	Total/NA	Solid	8021B	4918
885-4368-39	BS24-22 4'	Total/NA	Solid	8021B	4918
885-4368-40	BS24-23 4'	Total/NA	Solid	8021B	4918
885-4368-41	BS24-24 4'	Total/NA	Solid	8021B	4918
885-4368-42	BS24-25 5'	Total/NA	Solid	8021B	4918
MB 885-4918/1-A	Method Blank	Total/NA	Solid	8021B	4918
LCS 885-4918/3-A	Lab Control Sample	Total/NA	Solid	8021B	4918
885-4368-25 MS	BS24-08 4'	Total/NA	Solid	8021B	4918
885-4368-25 MSD	BS24-08 4'	Total/NA	Solid	8021B	4918

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC VOA

Analysis Batch: 5136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-43	BS24-26 5'	Total/NA	Solid	8015D	4964
885-4368-44	BS24-27 5'	Total/NA	Solid	8015D	4964
885-4368-45	BS24-28 5'	Total/NA	Solid	8015D	4964
885-4368-46	BS24-29 5'	Total/NA	Solid	8015D	4964
MB 885-4964/1-A	Method Blank	Total/NA	Solid	8015D	4964
LCS 885-4964/2-A	Lab Control Sample	Total/NA	Solid	8015D	4964
885-4368-43 MS	BS24-26 5'	Total/NA	Solid	8015D	4964
885-4368-43 MSD	BS24-26 5'	Total/NA	Solid	8015D	4964

Analysis Batch: 5137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-43	BS24-26 5'	Total/NA	Solid	8021B	4964
885-4368-44	BS24-27 5'	Total/NA	Solid	8021B	4964
885-4368-45	BS24-28 5'	Total/NA	Solid	8021B	4964
885-4368-46	BS24-29 5'	Total/NA	Solid	8021B	4964
MB 885-4964/1-A	Method Blank	Total/NA	Solid	8021B	4964
LCS 885-4964/3-A	Lab Control Sample	Total/NA	Solid	8021B	4964
885-4368-44 MS	BS24-27 5'	Total/NA	Solid	8021B	4964
885-4368-44 MSD	BS24-27 5'	Total/NA	Solid	8021B	4964

GC Semi VOA

Prep Batch: 4955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-1	WS24-01 0-4'	Total/NA	Solid	SHAKE	
885-4368-2	WS24-02 0-4'	Total/NA	Solid	SHAKE	
MB 885-4955/1-A	Method Blank	Total/NA	Solid	SHAKE	
885-4368-2 MS	WS24-02 0-4'	Total/NA	Solid	SHAKE	
885-4368-2 MSD	WS24-02 0-4'	Total/NA	Solid	SHAKE	

Prep Batch: 4961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-3	WS24-03 0-4'	Total/NA	Solid	SHAKE	
885-4368-4	WS24-04 0-4'	Total/NA	Solid	SHAKE	
885-4368-5	WS24-05 0-4'	Total/NA	Solid	SHAKE	
885-4368-6	WS24-06 0-4'	Total/NA	Solid	SHAKE	
885-4368-7	WS24-07 0-4'	Total/NA	Solid	SHAKE	
885-4368-8	WS24-08 0-4'	Total/NA	Solid	SHAKE	
885-4368-9	WS24-09 0-4'	Total/NA	Solid	SHAKE	
885-4368-10	WS24-10 0-4'	Total/NA	Solid	SHAKE	
885-4368-11	WS24-11 0-4'	Total/NA	Solid	SHAKE	
885-4368-12	WS24-12 0-4'	Total/NA	Solid	SHAKE	
885-4368-13	WS24-13 0-4'	Total/NA	Solid	SHAKE	
885-4368-14	WS24-14 0-5'	Total/NA	Solid	SHAKE	
885-4368-15	WS24-15 0-5'	Total/NA	Solid	SHAKE	
885-4368-16	WS24-16 0-5'	Total/NA	Solid	SHAKE	
885-4368-17	WS24-17 0-5'	Total/NA	Solid	SHAKE	
885-4368-18	BS24-01 4'	Total/NA	Solid	SHAKE	
885-4368-19	BS24-02 4'	Total/NA	Solid	SHAKE	
885-4368-20	BS24-03 4'	Total/NA	Solid	SHAKE	
885-4368-21	BS24-04 4'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC Semi VOA (Continued)

Prep Batch: 4961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-22	BS24-05 4'	Total/NA	Solid	SHAKE	
MB 885-4961/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-4961/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-4368-22 MS	BS24-05 4'	Total/NA	Solid	SHAKE	
885-4368-22 MSD	BS24-05 4'	Total/NA	Solid	SHAKE	

Prep Batch: 4981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-23	BS24-06 4'	Total/NA	Solid	SHAKE	
885-4368-25	BS24-08 4'	Total/NA	Solid	SHAKE	
885-4368-26	BS24-09 4'	Total/NA	Solid	SHAKE	
885-4368-28	BS24-11 4'	Total/NA	Solid	SHAKE	
885-4368-29	BS24-12 4'	Total/NA	Solid	SHAKE	
885-4368-30	BS24-13 4'	Total/NA	Solid	SHAKE	
885-4368-31	BS24-14 4'	Total/NA	Solid	SHAKE	
885-4368-32	BS24-15 4'	Total/NA	Solid	SHAKE	
885-4368-33	BS24-16 4'	Total/NA	Solid	SHAKE	
885-4368-34	BS24-17 4'	Total/NA	Solid	SHAKE	
885-4368-35	BS24-18 4'	Total/NA	Solid	SHAKE	
885-4368-36	BS24-19 4'	Total/NA	Solid	SHAKE	
885-4368-37	BS24-20 4'	Total/NA	Solid	SHAKE	
885-4368-38	BS24-21 4'	Total/NA	Solid	SHAKE	
885-4368-39	BS24-22 4'	Total/NA	Solid	SHAKE	
885-4368-40	BS24-23 4'	Total/NA	Solid	SHAKE	
885-4368-41	BS24-24 4'	Total/NA	Solid	SHAKE	
885-4368-42	BS24-25 5'	Total/NA	Solid	SHAKE	
MB 885-4981/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-4981/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-4368-42 MS	BS24-25 5'	Total/NA	Solid	SHAKE	
885-4368-42 MSD	BS24-25 5'	Total/NA	Solid	SHAKE	

Analysis Batch: 4985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-1	WS24-01 0-4'	Total/NA	Solid	8015D	4955
885-4368-2	WS24-02 0-4'	Total/NA	Solid	8015D	4955
MB 885-4955/1-A	Method Blank	Total/NA	Solid	8015D	4955
885-4368-2 MS	WS24-02 0-4'	Total/NA	Solid	8015D	4955
885-4368-2 MSD	WS24-02 0-4'	Total/NA	Solid	8015D	4955

Analysis Batch: 5004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-3	WS24-03 0-4'	Total/NA	Solid	8015D	4961
885-4368-4	WS24-04 0-4'	Total/NA	Solid	8015D	4961
885-4368-5	WS24-05 0-4'	Total/NA	Solid	8015D	4961
885-4368-6	WS24-06 0-4'	Total/NA	Solid	8015D	4961
885-4368-7	WS24-07 0-4'	Total/NA	Solid	8015D	4961
885-4368-8	WS24-08 0-4'	Total/NA	Solid	8015D	4961
885-4368-9	WS24-09 0-4'	Total/NA	Solid	8015D	4961
885-4368-10	WS24-10 0-4'	Total/NA	Solid	8015D	4961
885-4368-11	WS24-11 0-4'	Total/NA	Solid	8015D	4961
885-4368-12	WS24-12 0-4'	Total/NA	Solid	8015D	4961

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC Semi VOA (Continued)

Analysis Batch: 5004 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-13	WS24-13 0-4'	Total/NA	Solid	8015D	4961
885-4368-14	WS24-14 0-5'	Total/NA	Solid	8015D	4961
885-4368-15	WS24-15 0-5'	Total/NA	Solid	8015D	4961
885-4368-16	WS24-16 0-5'	Total/NA	Solid	8015D	4961
885-4368-17	WS24-17 0-5'	Total/NA	Solid	8015D	4961
885-4368-18	BS24-01 4'	Total/NA	Solid	8015D	4961
885-4368-19	BS24-02 4'	Total/NA	Solid	8015D	4961
885-4368-20	BS24-03 4'	Total/NA	Solid	8015D	4961
885-4368-21	BS24-04 4'	Total/NA	Solid	8015D	4961
885-4368-22	BS24-05 4'	Total/NA	Solid	8015D	4961
MB 885-4961/1-A	Method Blank	Total/NA	Solid	8015D	4961
LCS 885-4961/2-A	Lab Control Sample	Total/NA	Solid	8015D	4961
885-4368-22 MS	BS24-05 4'	Total/NA	Solid	8015D	4961
885-4368-22 MSD	BS24-05 4'	Total/NA	Solid	8015D	4961

Prep Batch: 5028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-43	BS24-26 5'	Total/NA	Solid	SHAKE	
885-4368-44	BS24-27 5'	Total/NA	Solid	SHAKE	
885-4368-45	BS24-28 5'	Total/NA	Solid	SHAKE	
885-4368-46	BS24-29 5'	Total/NA	Solid	SHAKE	
MB 885-5028/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-5028/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 5045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-35	BS24-18 4'	Total/NA	Solid	8015D	4981
885-4368-38	BS24-21 4'	Total/NA	Solid	8015D	4981
885-4368-39	BS24-22 4'	Total/NA	Solid	8015D	4981

Analysis Batch: 5073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-23	BS24-06 4'	Total/NA	Solid	8015D	4981
885-4368-25	BS24-08 4'	Total/NA	Solid	8015D	4981
885-4368-26	BS24-09 4'	Total/NA	Solid	8015D	4981
885-4368-28	BS24-11 4'	Total/NA	Solid	8015D	4981
885-4368-29	BS24-12 4'	Total/NA	Solid	8015D	4981
885-4368-30	BS24-13 4'	Total/NA	Solid	8015D	4981
885-4368-31	BS24-14 4'	Total/NA	Solid	8015D	4981
885-4368-32	BS24-15 4'	Total/NA	Solid	8015D	4981
MB 885-4981/1-A	Method Blank	Total/NA	Solid	8015D	4981
LCS 885-4981/2-A	Lab Control Sample	Total/NA	Solid	8015D	4981

Analysis Batch: 5077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-33	BS24-16 4'	Total/NA	Solid	8015D	4981
885-4368-34	BS24-17 4'	Total/NA	Solid	8015D	4981
885-4368-36	BS24-19 4'	Total/NA	Solid	8015D	4981
885-4368-37	BS24-20 4'	Total/NA	Solid	8015D	4981
885-4368-40	BS24-23 4'	Total/NA	Solid	8015D	4981
885-4368-41	BS24-24 4'	Total/NA	Solid	8015D	4981

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

GC Semi VOA (Continued)

Analysis Batch: 5077 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-42	BS24-25 5'	Total/NA	Solid	8015D	4981
885-4368-43	BS24-26 5'	Total/NA	Solid	8015D	5028
885-4368-44	BS24-27 5'	Total/NA	Solid	8015D	5028
885-4368-45	BS24-28 5'	Total/NA	Solid	8015D	5028
885-4368-46	BS24-29 5'	Total/NA	Solid	8015D	5028
MB 885-5028/1-A	Method Blank	Total/NA	Solid	8015D	5028
LCS 885-5028/2-A	Lab Control Sample	Total/NA	Solid	8015D	5028
885-4368-42 MS	BS24-25 5'	Total/NA	Solid	8015D	4981
885-4368-42 MSD	BS24-25 5'	Total/NA	Solid	8015D	4981

Prep Batch: 5106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-24	BS24-07 4'	Total/NA	Solid	SHAKE	
885-4368-27	BS24-10 4'	Total/NA	Solid	SHAKE	
MB 885-5106/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-5106/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-4368-27 MS	BS24-10 4'	Total/NA	Solid	SHAKE	
885-4368-27 MSD	BS24-10 4'	Total/NA	Solid	SHAKE	

Analysis Batch: 5135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-24	BS24-07 4'	Total/NA	Solid	8015D	5106
885-4368-27	BS24-10 4'	Total/NA	Solid	8015D	5106
MB 885-5106/1-A	Method Blank	Total/NA	Solid	8015D	5106
LCS 885-5106/2-A	Lab Control Sample	Total/NA	Solid	8015D	5106
885-4368-27 MS	BS24-10 4'	Total/NA	Solid	8015D	5106
885-4368-27 MSD	BS24-10 4'	Total/NA	Solid	8015D	5106

HPLC/IC

Prep Batch: 4979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-1	WS24-01 0-4'	Total/NA	Solid	300_Prep	
885-4368-2	WS24-02 0-4'	Total/NA	Solid	300_Prep	
885-4368-3	WS24-03 0-4'	Total/NA	Solid	300_Prep	
885-4368-4	WS24-04 0-4'	Total/NA	Solid	300_Prep	
885-4368-5	WS24-05 0-4'	Total/NA	Solid	300_Prep	
885-4368-6	WS24-06 0-4'	Total/NA	Solid	300_Prep	
885-4368-7	WS24-07 0-4'	Total/NA	Solid	300_Prep	
885-4368-8	WS24-08 0-4'	Total/NA	Solid	300_Prep	
MB 885-4979/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-4979/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 4982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-9	WS24-09 0-4'	Total/NA	Solid	300_Prep	
885-4368-10	WS24-10 0-4'	Total/NA	Solid	300_Prep	
885-4368-11	WS24-11 0-4'	Total/NA	Solid	300_Prep	
885-4368-12	WS24-12 0-4'	Total/NA	Solid	300_Prep	
885-4368-13	WS24-13 0-4'	Total/NA	Solid	300_Prep	
885-4368-14	WS24-14 0-5'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

HPLC/IC (Continued)

Prep Batch: 4982 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-15	WS24-15 0-5'	Total/NA	Solid	300_Prep	
885-4368-16	WS24-16 0-5	Total/NA	Solid	300_Prep	
885-4368-17	WS24-17 0-5'	Total/NA	Solid	300_Prep	
885-4368-18	BS24-01 4'	Total/NA	Solid	300_Prep	
885-4368-19	BS24-02 4'	Total/NA	Solid	300_Prep	
885-4368-20	BS24-03 4'	Total/NA	Solid	300_Prep	
885-4368-21	BS24-04 4'	Total/NA	Solid	300_Prep	
885-4368-22	BS24-05 4'	Total/NA	Solid	300_Prep	
885-4368-23	BS24-06 4'	Total/NA	Solid	300_Prep	
885-4368-24	BS24-07 4'	Total/NA	Solid	300_Prep	
885-4368-25	BS24-08 4'	Total/NA	Solid	300_Prep	
885-4368-26	BS24-09 4'	Total/NA	Solid	300_Prep	
885-4368-27	BS24-10 4'	Total/NA	Solid	300_Prep	
885-4368-28	BS24-11 4'	Total/NA	Solid	300_Prep	
MB 885-4982/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-4982/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-4368-9 MS	WS24-09 0-4'	Total/NA	Solid	300_Prep	
885-4368-9 MSD	WS24-09 0-4'	Total/NA	Solid	300_Prep	
885-4368-10 MS	WS24-10 0-4'	Total/NA	Solid	300_Prep	
885-4368-10 MSD	WS24-10 0-4'	Total/NA	Solid	300_Prep	

Prep Batch: 4995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-29	BS24-12 4'	Total/NA	Solid	300_Prep	
885-4368-30	BS24-13 4'	Total/NA	Solid	300_Prep	
885-4368-31	BS24-14 4'	Total/NA	Solid	300_Prep	
885-4368-32	BS24-15 4'	Total/NA	Solid	300_Prep	
885-4368-33	BS24-16 4'	Total/NA	Solid	300_Prep	
885-4368-34	BS24-17 4'	Total/NA	Solid	300_Prep	
885-4368-35	BS24-18 4'	Total/NA	Solid	300_Prep	
885-4368-36	BS24-19 4'	Total/NA	Solid	300_Prep	
885-4368-37	BS24-20 4'	Total/NA	Solid	300_Prep	
885-4368-38	BS24-21 4'	Total/NA	Solid	300_Prep	
885-4368-39	BS24-22 4'	Total/NA	Solid	300_Prep	
885-4368-40	BS24-23 4'	Total/NA	Solid	300_Prep	
885-4368-41	BS24-24 4'	Total/NA	Solid	300_Prep	
MB 885-4995/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-4995/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
MRL 885-4995/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-4368-29 MS	BS24-12 4'	Total/NA	Solid	300_Prep	
885-4368-29 MSD	BS24-12 4'	Total/NA	Solid	300_Prep	

Analysis Batch: 5015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-1	WS24-01 0-4'	Total/NA	Solid	300.0	4979
885-4368-2	WS24-02 0-4'	Total/NA	Solid	300.0	4979
885-4368-3	WS24-03 0-4'	Total/NA	Solid	300.0	4979
885-4368-4	WS24-04 0-4'	Total/NA	Solid	300.0	4979
885-4368-5	WS24-05 0-4'	Total/NA	Solid	300.0	4979
885-4368-6	WS24-06 0-4'	Total/NA	Solid	300.0	4979
885-4368-7	WS24-07 0-4'	Total/NA	Solid	300.0	4979

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

HPLC/IC (Continued)

Analysis Batch: 5015 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-8	WS24-08 0-4'	Total/NA	Solid	300.0	4979
885-4368-9	WS24-09 0-4'	Total/NA	Solid	300.0	4982
885-4368-10	WS24-10 0-4'	Total/NA	Solid	300.0	4982
885-4368-11	WS24-11 0-4'	Total/NA	Solid	300.0	4982
885-4368-12	WS24-12 0-4'	Total/NA	Solid	300.0	4982
885-4368-13	WS24-13 0-4'	Total/NA	Solid	300.0	4982
885-4368-14	WS24-14 0-5'	Total/NA	Solid	300.0	4982
885-4368-15	WS24-15 0-5'	Total/NA	Solid	300.0	4982
885-4368-16	WS24-16 0-5'	Total/NA	Solid	300.0	4982
885-4368-17	WS24-17 0-5'	Total/NA	Solid	300.0	4982
885-4368-18	BS24-01 4'	Total/NA	Solid	300.0	4982
885-4368-19	BS24-02 4'	Total/NA	Solid	300.0	4982
885-4368-20	BS24-03 4'	Total/NA	Solid	300.0	4982
MB 885-4979/1-A	Method Blank	Total/NA	Solid	300.0	4979
MB 885-4982/1-A	Method Blank	Total/NA	Solid	300.0	4982
LCS 885-4979/2-A	Lab Control Sample	Total/NA	Solid	300.0	4979
LCS 885-4982/2-A	Lab Control Sample	Total/NA	Solid	300.0	4982
885-4368-9 MS	WS24-09 0-4'	Total/NA	Solid	300.0	4982
885-4368-9 MSD	WS24-09 0-4'	Total/NA	Solid	300.0	4982
885-4368-10 MS	WS24-10 0-4'	Total/NA	Solid	300.0	4982
885-4368-10 MSD	WS24-10 0-4'	Total/NA	Solid	300.0	4982

Prep Batch: 5043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-42	BS24-25 5'	Total/NA	Solid	300_Prep	
885-4368-43	BS24-26 5'	Total/NA	Solid	300_Prep	
885-4368-44	BS24-27 5'	Total/NA	Solid	300_Prep	
885-4368-45	BS24-28 5'	Total/NA	Solid	300_Prep	
885-4368-46	BS24-29 5'	Total/NA	Solid	300_Prep	
MB 885-5043/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-5043/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-4368-43 MS	BS24-26 5'	Total/NA	Solid	300_Prep	
885-4368-43 MSD	BS24-26 5'	Total/NA	Solid	300_Prep	

Analysis Batch: 5082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-23	BS24-06 4'	Total/NA	Solid	300.0	4982
885-4368-24	BS24-07 4'	Total/NA	Solid	300.0	4982
885-4368-25	BS24-08 4'	Total/NA	Solid	300.0	4982
885-4368-26	BS24-09 4'	Total/NA	Solid	300.0	4982
885-4368-27	BS24-10 4'	Total/NA	Solid	300.0	4982
885-4368-28	BS24-11 4'	Total/NA	Solid	300.0	4982
885-4368-29	BS24-12 4'	Total/NA	Solid	300.0	4995
885-4368-30	BS24-13 4'	Total/NA	Solid	300.0	4995
885-4368-31	BS24-14 4'	Total/NA	Solid	300.0	4995
885-4368-32	BS24-15 4'	Total/NA	Solid	300.0	4995
885-4368-33	BS24-16 4'	Total/NA	Solid	300.0	4995
885-4368-34	BS24-17 4'	Total/NA	Solid	300.0	4995
885-4368-35	BS24-18 4'	Total/NA	Solid	300.0	4995
885-4368-36	BS24-19 4'	Total/NA	Solid	300.0	4995
885-4368-37	BS24-20 4'	Total/NA	Solid	300.0	4995

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

HPLC/IC (Continued)

Analysis Batch: 5082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-38	BS24-21 4'	Total/NA	Solid	300.0	4995
885-4368-39	BS24-22 4'	Total/NA	Solid	300.0	4995
885-4368-40	BS24-23 4'	Total/NA	Solid	300.0	4995
885-4368-41	BS24-24 4'	Total/NA	Solid	300.0	4995
885-4368-42	BS24-25 5'	Total/NA	Solid	300.0	5043
885-4368-43	BS24-26 5'	Total/NA	Solid	300.0	5043
885-4368-44	BS24-27 5'	Total/NA	Solid	300.0	5043
885-4368-45	BS24-28 5'	Total/NA	Solid	300.0	5043
885-4368-46	BS24-29 5'	Total/NA	Solid	300.0	5043
MB 885-4995/1-A	Method Blank	Total/NA	Solid	300.0	4995
MB 885-5043/1-A	Method Blank	Total/NA	Solid	300.0	5043
LCS 885-4995/2-A	Lab Control Sample	Total/NA	Solid	300.0	4995
LCS 885-5043/2-A	Lab Control Sample	Total/NA	Solid	300.0	5043
MRL 885-4995/3-A	Lab Control Sample	Total/NA	Solid	300.0	4995
885-4368-29 MS	BS24-12 4'	Total/NA	Solid	300.0	4995
885-4368-29 MSD	BS24-12 4'	Total/NA	Solid	300.0	4995
885-4368-43 MS	BS24-26 5'	Total/NA	Solid	300.0	5043
885-4368-43 MSD	BS24-26 5'	Total/NA	Solid	300.0	5043

Analysis Batch: 5167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4368-21	BS24-04 4'	Total/NA	Solid	300.0	4982
885-4368-22	BS24-05 4'	Total/NA	Solid	300.0	4982
MB 885-5167/4	Method Blank	Total/NA	Solid	300.0	
MRL 885-5167/3	Lab Control Sample	Total/NA	Solid	300.0	

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-01 0-4'

Lab Sample ID: 885-4368-1

Date Collected: 05/09/24 10:00

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4861	AT	EET ALB	05/13/24 14:02
Total/NA	Analysis	8015D		1	5069	RA	EET ALB	05/15/24 02:25
Total/NA	Prep	5030C			4861	AT	EET ALB	05/13/24 14:02
Total/NA	Analysis	8021B		1	5071	RA	EET ALB	05/15/24 02:25
Total/NA	Prep	SHAKE			4955	JU	EET ALB	05/14/24 11:27
Total/NA	Analysis	8015D		1	4985	JU	EET ALB	05/14/24 19:18
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/14/24 22:04

Client Sample ID: WS24-02 0-4'

Lab Sample ID: 885-4368-2

Date Collected: 05/09/24 10:02

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4861	AT	EET ALB	05/13/24 14:02
Total/NA	Analysis	8015D		1	5069	RA	EET ALB	05/15/24 02:47
Total/NA	Prep	5030C			4861	AT	EET ALB	05/13/24 14:02
Total/NA	Analysis	8021B		1	5071	RA	EET ALB	05/15/24 02:47
Total/NA	Prep	SHAKE			4955	JU	EET ALB	05/14/24 11:27
Total/NA	Analysis	8015D		1	4985	JU	EET ALB	05/14/24 19:29
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/14/24 22:19

Client Sample ID: WS24-03 0-4'

Lab Sample ID: 885-4368-3

Date Collected: 05/09/24 10:04

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4861	AT	EET ALB	05/13/24 14:02
Total/NA	Analysis	8015D		1	5069	RA	EET ALB	05/15/24 03:09
Total/NA	Prep	5030C			4861	AT	EET ALB	05/13/24 14:02
Total/NA	Analysis	8021B		1	5071	RA	EET ALB	05/15/24 03:09
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 16:30
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/14/24 22:34

Client Sample ID: WS24-04 0-4'

Lab Sample ID: 885-4368-4

Date Collected: 05/09/24 10:06

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/14/24 22:42

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-04 0-4'

Lab Sample ID: 885-4368-4

Date Collected: 05/09/24 10:06

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/14/24 22:42
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 16:54
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/14/24 22:49

Client Sample ID: WS24-05 0-4'

Lab Sample ID: 885-4368-5

Date Collected: 05/09/24 10:08

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/14/24 23:52
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/14/24 23:52
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 17:18
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/14/24 23:04

Client Sample ID: WS24-06 0-4'

Lab Sample ID: 885-4368-6

Date Collected: 05/09/24 10:10

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 01:03
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 01:03
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 17:42
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/14/24 23:19

Client Sample ID: WS24-07 0-4'

Lab Sample ID: 885-4368-7

Date Collected: 05/09/24 10:12

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 01:26
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 01:26

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-07 0-4'

Lab Sample ID: 885-4368-7

Date Collected: 05/09/24 10:12

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 18:06
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 00:05

Client Sample ID: WS24-08 0-4'

Lab Sample ID: 885-4368-8

Date Collected: 05/09/24 10:14

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 01:50
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 01:50
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 18:30
Total/NA	Prep	300_Prep			4979	SS	EET ALB	05/14/24 16:00
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 00:20

Client Sample ID: WS24-09 0-4'

Lab Sample ID: 885-4368-9

Date Collected: 05/09/24 10:16

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 02:13
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 02:13
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 18:55
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 01:06

Client Sample ID: WS24-10 0-4'

Lab Sample ID: 885-4368-10

Date Collected: 05/09/24 10:20

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 02:37
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 02:37
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 19:43

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Lab Chronicle

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-10 0-4'

Lab Sample ID: 885-4368-10

Date Collected: 05/09/24 10:20

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 01:51

Client Sample ID: WS24-11 0-4'

Lab Sample ID: 885-4368-11

Date Collected: 05/09/24 10:22

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 03:01
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 03:01
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 20:08
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 03:07

Client Sample ID: WS24-12 0-4'

Lab Sample ID: 885-4368-12

Date Collected: 05/09/24 10:25

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 03:24
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 03:24
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 20:32
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 03:22

Client Sample ID: WS24-13 0-4'

Lab Sample ID: 885-4368-13

Date Collected: 05/09/24 10:45

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 03:48
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 03:48
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 20:57
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 03:37

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Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-14 0-5'

Lab Sample ID: 885-4368-14

Date Collected: 05/09/24 10:28

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 04:34
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 04:34
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 21:46
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 03:52

Client Sample ID: WS24-15 0-5'

Lab Sample ID: 885-4368-15

Date Collected: 05/09/24 10:30

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 04:58
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 04:58
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 22:10
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 04:07

Client Sample ID: WS24-16 0-5

Lab Sample ID: 885-4368-16

Date Collected: 05/09/24 10:35

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 05:21
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 05:21
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 22:35
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 04:22

Client Sample ID: WS24-17 0-5'

Lab Sample ID: 885-4368-17

Date Collected: 05/09/24 10:40

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 05:45

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Lab Chronicle

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: WS24-17 0-5'

Lab Sample ID: 885-4368-17

Date Collected: 05/09/24 10:40

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 05:45
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 22:59
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 04:38

Client Sample ID: BS24-01 4'

Lab Sample ID: 885-4368-18

Date Collected: 05/09/24 10:50

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 06:08
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 06:08
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/14/24 23:48
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 04:53

Client Sample ID: BS24-02 4'

Lab Sample ID: 885-4368-19

Date Collected: 05/09/24 10:55

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 06:32
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 06:32
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/15/24 00:12
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 05:08

Client Sample ID: BS24-03 4'

Lab Sample ID: 885-4368-20

Date Collected: 05/09/24 10:58

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 06:55
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 06:55

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Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-03 4'

Lab Sample ID: 885-4368-20

Date Collected: 05/09/24 10:58

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/15/24 00:37
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5015	SS	EET ALB	05/15/24 05:23

Client Sample ID: BS24-04 4'

Lab Sample ID: 885-4368-21

Date Collected: 05/09/24 11:00

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 07:19
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 07:19
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/15/24 01:01
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		50	5167	RC	EET ALB	05/16/24 10:49

Client Sample ID: BS24-05 4'

Lab Sample ID: 885-4368-22

Date Collected: 05/09/24 11:03

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 07:42
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 07:42
Total/NA	Prep	SHAKE			4961	JU	EET ALB	05/14/24 13:46
Total/NA	Analysis	8015D		1	5004	JU	EET ALB	05/15/24 01:25
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		50	5167	RC	EET ALB	05/16/24 11:02

Client Sample ID: BS24-06 4'

Lab Sample ID: 885-4368-23

Date Collected: 05/09/24 11:05

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8015D		1	4969	JP	EET ALB	05/15/24 08:06
Total/NA	Prep	5030C			4889	AT	EET ALB	05/13/24 16:12
Total/NA	Analysis	8021B		1	4970	JP	EET ALB	05/15/24 08:06
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 11:47

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-06 4'

Lab Sample ID: 885-4368-23

Date Collected: 05/09/24 11:05

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:16
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 11:38

Client Sample ID: BS24-07 4'

Lab Sample ID: 885-4368-24

Date Collected: 05/09/24 11:07

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 13:49
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 13:49
Total/NA	Prep	SHAKE			5106	JU	EET ALB	05/16/24 11:13
Total/NA	Analysis	8015D		1	5135	DH	EET ALB	05/16/24 21:45
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:17
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 11:51

Client Sample ID: BS24-08 4'

Lab Sample ID: 885-4368-25

Date Collected: 05/09/24 11:10

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 14:54
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 14:54
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 12:08
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:17
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 12:28

Client Sample ID: BS24-09 4'

Lab Sample ID: 885-4368-26

Date Collected: 05/09/24 11:13

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 15:59
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 15:59
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 12:49
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:39
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 12:40

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-10 4'

Lab Sample ID: 885-4368-27

Date Collected: 05/09/24 11:15

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 16:21
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 16:21
Total/NA	Prep	SHAKE			5106	JU	EET ALB	05/16/24 11:13
Total/NA	Analysis	8015D		1	5135	DH	EET ALB	05/16/24 22:10
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:39
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 12:53

Client Sample ID: BS24-11 4'

Lab Sample ID: 885-4368-28

Date Collected: 05/09/24 11:20

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 16:43
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 16:43
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 13:41
Total/NA	Prep	300_Prep			4982	MA	EET ALB	05/14/24 16:39
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 13:05

Client Sample ID: BS24-12 4'

Lab Sample ID: 885-4368-29

Date Collected: 05/09/24 11:25

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 17:05
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 17:05
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 13:51
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 10:37

Client Sample ID: BS24-13 4'

Lab Sample ID: 885-4368-30

Date Collected: 05/09/24 11:27

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 17:26

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Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-13 4'

Lab Sample ID: 885-4368-30

Date Collected: 05/09/24 11:27

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 17:26
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 14:32
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 13:17

Client Sample ID: BS24-14 4'

Lab Sample ID: 885-4368-31

Date Collected: 05/09/24 11:29

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 17:48
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 17:48
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 15:13
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 13:30

Client Sample ID: BS24-15 4'

Lab Sample ID: 885-4368-32

Date Collected: 05/09/24 11:31

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 18:10
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 18:10
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 15:24
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 13:42

Client Sample ID: BS24-16 4'

Lab Sample ID: 885-4368-33

Date Collected: 05/09/24 11:33

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 18:53
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 18:53

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Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-16 4'

Lab Sample ID: 885-4368-33

Date Collected: 05/09/24 11:33

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 11:18
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 13:54

Client Sample ID: BS24-17 4'

Lab Sample ID: 885-4368-34

Date Collected: 05/09/24 11:35

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 19:15
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 19:15
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 11:31
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 14:07

Client Sample ID: BS24-18 4'

Lab Sample ID: 885-4368-35

Date Collected: 05/09/24 11:37

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 19:37
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 19:37
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5045	JU	EET ALB	05/15/24 13:59
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 14:19

Client Sample ID: BS24-19 4'

Lab Sample ID: 885-4368-36

Date Collected: 05/09/24 11:39

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 19:59
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 19:59
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 11:55

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Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-19 4'

Lab Sample ID: 885-4368-36

Date Collected: 05/09/24 11:39

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 14:56

Client Sample ID: BS24-20 4'

Lab Sample ID: 885-4368-37

Date Collected: 05/09/24 11:40

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 20:20
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 20:20
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 12:08
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 15:08

Client Sample ID: BS24-21 4'

Lab Sample ID: 885-4368-38

Date Collected: 05/09/24 11:42

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 20:42
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 20:42
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5045	JU	EET ALB	05/15/24 14:24
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 15:21

Client Sample ID: BS24-22 4'

Lab Sample ID: 885-4368-39

Date Collected: 05/09/24 11:45

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 21:04
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 21:04
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		2	5045	JU	EET ALB	05/15/24 14:48
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 15:33

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Lab Chronicle

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-23 4'

Lab Sample ID: 885-4368-40

Date Collected: 05/09/24 11:46

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 21:26
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 21:26
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 12:59
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 15:45

Client Sample ID: BS24-24 4'

Lab Sample ID: 885-4368-41

Date Collected: 05/09/24 11:48

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 21:48
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 21:48
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 13:24
Total/NA	Prep	300_Prep			4995	RC	EET ALB	05/15/24 07:57
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 15:58

Client Sample ID: BS24-25 5'

Lab Sample ID: 885-4368-42

Date Collected: 05/09/24 11:50

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8015D		1	5072	RA	EET ALB	05/15/24 22:09
Total/NA	Prep	5030C			4918	AT	EET ALB	05/14/24 09:10
Total/NA	Analysis	8021B		1	5074	RA	EET ALB	05/15/24 22:09
Total/NA	Prep	SHAKE			4981	JU	EET ALB	05/14/24 16:09
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 17:09
Total/NA	Prep	300_Prep			5043	RC	EET ALB	05/15/24 14:26
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 20:54

Client Sample ID: BS24-26 5'

Lab Sample ID: 885-4368-43

Date Collected: 05/09/24 11:52

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8015D		1	5136	JP	EET ALB	05/16/24 11:27

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Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-26 5'

Lab Sample ID: 885-4368-43

Date Collected: 05/09/24 11:52

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8021B		1	5137	JP	EET ALB	05/16/24 11:27
Total/NA	Prep	SHAKE			5028	JU	EET ALB	05/15/24 11:48
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 16:19
Total/NA	Prep	300_Prep			5043	RC	EET ALB	05/15/24 14:26
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 21:06

Client Sample ID: BS24-27 5'

Lab Sample ID: 885-4368-44

Date Collected: 05/09/24 11:55

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8015D		1	5136	JP	EET ALB	05/16/24 11:51
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8021B		1	5137	JP	EET ALB	05/16/24 11:51
Total/NA	Prep	SHAKE			5028	JU	EET ALB	05/15/24 11:48
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 18:39
Total/NA	Prep	300_Prep			5043	RC	EET ALB	05/15/24 14:26
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 21:43

Client Sample ID: BS24-28 5'

Lab Sample ID: 885-4368-45

Date Collected: 05/09/24 11:58

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8015D		1	5136	JP	EET ALB	05/16/24 12:15
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8021B		1	5137	JP	EET ALB	05/16/24 12:15
Total/NA	Prep	SHAKE			5028	JU	EET ALB	05/15/24 11:48
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 16:07
Total/NA	Prep	300_Prep			5043	RC	EET ALB	05/15/24 14:26
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 22:21

Client Sample ID: BS24-29 5'

Lab Sample ID: 885-4368-46

Date Collected: 05/09/24 12:00

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:59
Total/NA	Analysis	8015D		1	5136	JP	EET ALB	05/16/24 12:38
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:59
Total/NA	Analysis	8021B		1	5137	JP	EET ALB	05/16/24 12:38

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Client Sample ID: BS24-29 5'

Lab Sample ID: 885-4368-46

Date Collected: 05/09/24 12:00

Matrix: Solid

Date Received: 05/11/24 09:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			5028	JU	EET ALB	05/15/24 11:48
Total/NA	Analysis	8015D		1	5077	DH	EET ALB	05/15/24 19:05
Total/NA	Prep	300_Prep			5043	RC	EET ALB	05/15/24 14:26
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 22:33

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975



Accreditation/Certification Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-4368-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
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
300.0	300_Prep	Solid	Chloride
8015D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-25

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Chain-of-Custody Record

Turn-Around Time:
 Standard Rush 48 hr

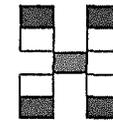
Project Name:
Lynx Federal 1

Project #:
23E-02964

Project Manager:
Kent Stallings

Sampler: SM
 On Ice: Yes No

of Coolers: 1 Yosi
 Cooler Temp (including CF): 5.6-0.2 = 5.44(°C)



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87110

Tel. 505-345-3975 Fax 505-345-4107 885-4368 COC



Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX/ MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	C, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/9/24	10:00	Soil	WS 24-01 0-4'	4oz jar	ICE	-1	✓	✓					✓			
	10:02		WS 24-02 0-4'			-2										
	10:04		WS 24-03 0-4'			-3										
	10:06		WS 24-04 0-4'			-4										
	10:08		WS 24-05 0-4'			-5										
	10:10		WS 24-06 0-4'			-6										
	10:12		WS 24-07 0-4'			-7										
	10:14		WS 24-08 0-4'			-8										
	10:16		WS 24-09 0-4'			-9										
	10:20		WS 24-10 0-4'			-10										
	10:22		WS 24-11 0-4'			-11										
✓	10:25	✓	WS 24-12 0-4'	✓	✓	-12	✓	✓					✓			

Date: 5/10/24 Time: 8:45 Relinquished by: [Signature]

Received by: [Signature] Via: courier Date: 5/11/24 Time: 8:39

Remarks: Direct bill to Devon (w/o #: 1006073801)

C.L. KStallings@vertex.ca
SMccarty@vertex.ca

Chain-of-Custody Record

Turn-Around Time:

Standard Rush 48 W

Project Name:

Lynx Federal 1

Project #:

23E-02964

Project Manager:

Kent Stallings

Sampler: SM

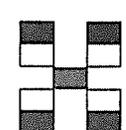
On Ice: Yes No

of Coolers:

Cooler Temp (including CF): (°C)

Container Type and # Preservative Type HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5/9/24	10:45	Soil	WS24-13 0-4'	4oz jar	Ice	-13
	10:28		WS24-14 0-5'			-14
	10:30		WS24-15 0-5'			-15
	10:35		WS24-16 0-5'			-16
	10:40		WS24-17 0-5'			-17
	10:50		BS24-01 4			-18
	10:55		BS24-02 4'			-19
	10:58		BS24-03 4'			-20
	11:00		BS24-04 4'			-21
	11:03		BS24-05 4'			-22
	11:05		BS24-06 4'			-23
	11:07		BS24-07 4'			-24



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Ch F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓					✓			

Date: 5/10/24 Time: 8:45 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 5/10/24 Time: 8:45

Date: 5/10/24 Time: 8:45 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 5/10/24 Time: 8:45

Remarks: Direct bill to Devon (w/o #: 1006073801)

cc. kstallings@vertex.a
SMccarty@vertex.a

pg 2 of 4

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Vertep (Devon)

Mailing Address: On file

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush 48 hr

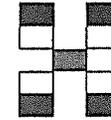
Project Name: Lynx Federal 1

Project #: 23E-02964

Project Manager: Kent Stallings

Sampler: SM
 On Ice: Yes No

of Coolers: _____
 Cooler Temp (including CF): _____ (°C)



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	STEX/ MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/9/24	11:10	Soil	BS24-08 4'	4oz jar	Ice	-25	✓	✓					✓			
	11:13		BS24-09 4'			-26										
	11:15		BS24-10 4'			-27										
	11:20		BS24-11 4'			-28										
	11:25		BS24-12 4'			-29										
	11:27		BS24-13 4'			-30										
	11:29		BS24-14 4'			-31										
	11:31		BS24-15 4'			-32										
	11:33		BS24-16 4'			-33										
	11:35		BS24-17 4'			-34										
	11:37		BS24-18 4'			-35										
	11:39		BS24-19 4'			-36										

Date: 5/10/24 Time: 8:40 Relinquished by: [Signature]

Date: 5/10/24 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 5/10/24 Time: 8:45

Received by: _____ Via: _____ Date: _____ Time: _____

Remarks: Direct bill to Devon (w/o #: 1006073801)
CC: KStallings@vertep.ca
SRNCCarty@vertep.ca pg 3 of 4

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Vertex (Devon)

Mailing Address: on file

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush 48 hr

Project Name: Lynx Federal 1

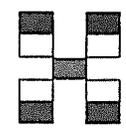
Project #: 23E-02964

Project Manager: Kent Stallings

Sampler: SM

On Ice: Yes No

of Coolers:



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cd, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/9/24	11:40	Soil	BS24-20 4'	4 oz jar	Ice	-37	✓	✓					✓			
	11:42		BS24-21 4'			-38										
	11:45		BS24-22 4'			-39										
	11:46		BS24-23 4'			-40										
	11:48		BS24-24 4'			-41										
	11:50		BS24-25 5'			-42										
	11:52		BS24-26 5'			-43										
	11:55		BS24-27 5'			-44										
	11:58		BS24-28 5'			-45										
✓	12:00	✓	BS24-29 5'	✓	✓	-46	✓	✓					✓			

Date: 5/10/24 Time: 8:45 Relinquished by: [Signature]

Date: 5/10/24 Time: 19:00 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 5/10/24 Time: 045

Received by: _____ Via: _____ Date: _____ Time: _____

Remarks: Direct bill to Devon (w/o #: 100 6073801)

C-C. K Stallings @ vertex.ca
EMccarty @ vertex.ca pg 4 of 4

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-4368-1

Login Number: 4368

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
 Vertex
 3101 Boyd Dr
 Carlsbad, New Mexico 88220

Generated 6/7/2024 3:58:46 PM

JOB DESCRIPTION

Lynx Federal 1

JOB NUMBER

885-5414-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization



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6/7/2024 3:58:46 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Lynx Federal 1

Laboratory Job ID: 885-5414-1

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Definitions/Glossary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-5414-1

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Glossary

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

Case Narrative

Client: Vertex
Project: Lynx Federal 1

Job ID: 885-5414-1

Job ID: 885-5414-1

Eurofins Albuquerque

Job Narrative 885-5414-1

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 6/1/2024 7:50 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 0.1°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 885-6045 and analytical batch 885-6136 recovered outside control limits for the following analytes: Diesel Range Organics [C10-C28]. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. Samples with DRO hits are being re-extracted and will not be reported.

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-6136 recovered outside acceptance criteria, low biased, for Di-n-octyl phthalate (Surr). Samples with Di-n-octyl phthalate (Surr) in normal range will still be reported. The following sample is associated (CCV 885-6136/1).

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-5414-1

Client Sample ID: WS24-03 0-4'

Lab Sample ID: 885-5414-1

Date Collected: 05/30/24 11:30

Matrix: Solid

Date Received: 06/01/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		06/03/24 12:21	06/05/24 11:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			06/03/24 12:21	06/05/24 11:53	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/03/24 12:21	06/05/24 11:53	1
Ethylbenzene	ND		0.049	mg/Kg		06/03/24 12:21	06/05/24 11:53	1
Toluene	ND		0.049	mg/Kg		06/03/24 12:21	06/05/24 11:53	1
Xylenes, Total	ND		0.098	mg/Kg		06/03/24 12:21	06/05/24 11:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			06/03/24 12:21	06/05/24 11:53	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.0	mg/Kg		06/03/24 16:14	06/04/24 22:23	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		06/03/24 16:14	06/04/24 22:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			06/03/24 16:14	06/04/24 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93		60	mg/Kg		06/04/24 08:18	06/04/24 10:03	20

Client Sample Results

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-5414-1

Client Sample ID: WS24-07 0-4'

Lab Sample ID: 885-5414-2

Date Collected: 05/30/24 12:00

Matrix: Solid

Date Received: 06/01/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		06/03/24 12:21	06/05/24 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			06/03/24 12:21	06/05/24 12:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/03/24 12:21	06/05/24 12:17	1
Ethylbenzene	ND		0.050	mg/Kg		06/03/24 12:21	06/05/24 12:17	1
Toluene	ND		0.050	mg/Kg		06/03/24 12:21	06/05/24 12:17	1
Xylenes, Total	ND		0.10	mg/Kg		06/03/24 12:21	06/05/24 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			06/03/24 12:21	06/05/24 12:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	8.8	mg/Kg		06/03/24 16:14	06/04/24 22:47	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		06/03/24 16:14	06/04/24 22:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			06/03/24 16:14	06/04/24 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		06/04/24 08:18	06/04/24 10:18	20

QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-5414-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-6016/1-A
Matrix: Solid
Analysis Batch: 6156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6016

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		06/03/24 12:21	06/05/24 11:30	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			06/03/24 12:21	06/05/24 11:30	1

Lab Sample ID: LCS 885-6016/2-A
Matrix: Solid
Analysis Batch: 6156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6016

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	24.3		mg/Kg		97	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	209	S1+	35 - 166				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-6016/1-A
Matrix: Solid
Analysis Batch: 6157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6016

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/03/24 12:21	06/05/24 11:30	1
Ethylbenzene	ND		0.050	mg/Kg		06/03/24 12:21	06/05/24 11:30	1
Toluene	ND		0.050	mg/Kg		06/03/24 12:21	06/05/24 11:30	1
Xylenes, Total	ND		0.10	mg/Kg		06/03/24 12:21	06/05/24 11:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			06/03/24 12:21	06/05/24 11:30	1

Lab Sample ID: LCS 885-6016/3-A
Matrix: Solid
Analysis Batch: 6157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6016

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.894		mg/Kg		89	70 - 130
Ethylbenzene	1.00	0.869		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	2.00	1.75		mg/Kg		87	70 - 130
o-Xylene	1.00	0.849		mg/Kg		85	70 - 130
Toluene	1.00	0.843		mg/Kg		84	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		48 - 145				

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-5414-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-6045/1-A
Matrix: Solid
Analysis Batch: 6136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6045

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		06/03/24 16:14	06/04/24 15:29	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		06/03/24 16:14	06/04/24 15:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			06/03/24 16:14	06/04/24 15:29	1

Lab Sample ID: LCS 885-6045/2-A
Matrix: Solid
Analysis Batch: 6136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	70.2	*+	mg/Kg		140	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	134		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-6062/1-A
Matrix: Solid
Analysis Batch: 6133

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6062

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		06/04/24 08:18	06/04/24 09:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	15.0		14.2	mg/Kg		95	90 - 110	

QC Association Summary

Client: Vertex
Project/Site: Lynx Federal 1

Job ID: 885-5414-1

GC VOA

Prep Batch: 6016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5414-1	WS24-03 0-4'	Total/NA	Solid	5030C	
885-5414-2	WS24-07 0-4'	Total/NA	Solid	5030C	
MB 885-6016/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-6016/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-6016/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 6156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5414-1	WS24-03 0-4'	Total/NA	Solid	8015M/D	6016
885-5414-2	WS24-07 0-4'	Total/NA	Solid	8015M/D	6016
MB 885-6016/1-A	Method Blank	Total/NA	Solid	8015M/D	6016
LCS 885-6016/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	6016

Analysis Batch: 6157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5414-1	WS24-03 0-4'	Total/NA	Solid	8021B	6016
885-5414-2	WS24-07 0-4'	Total/NA	Solid	8021B	6016
MB 885-6016/1-A	Method Blank	Total/NA	Solid	8021B	6016
LCS 885-6016/3-A	Lab Control Sample	Total/NA	Solid	8021B	6016

GC Semi VOA

Prep Batch: 6045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5414-1	WS24-03 0-4'	Total/NA	Solid	SHAKE	
885-5414-2	WS24-07 0-4'	Total/NA	Solid	SHAKE	
MB 885-6045/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-6045/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 6136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5414-1	WS24-03 0-4'	Total/NA	Solid	8015M/D	6045
885-5414-2	WS24-07 0-4'	Total/NA	Solid	8015M/D	6045
MB 885-6045/1-A	Method Blank	Total/NA	Solid	8015M/D	6045
LCS 885-6045/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	6045

HPLC/IC

Prep Batch: 6062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5414-1	WS24-03 0-4'	Total/NA	Solid	300_Prep	
885-5414-2	WS24-07 0-4'	Total/NA	Solid	300_Prep	
MB 885-6062/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-6062/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 6133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5414-1	WS24-03 0-4'	Total/NA	Solid	300.0	6062
885-5414-2	WS24-07 0-4'	Total/NA	Solid	300.0	6062
MB 885-6062/1-A	Method Blank	Total/NA	Solid	300.0	6062
LCS 885-6062/2-A	Lab Control Sample	Total/NA	Solid	300.0	6062

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-5414-1

Client Sample ID: WS24-03 0-4'

Lab Sample ID: 885-5414-1

Date Collected: 05/30/24 11:30

Matrix: Solid

Date Received: 06/01/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			6016	AT	EET ALB	06/03/24 12:21
Total/NA	Analysis	8015M/D		1	6156	JP	EET ALB	06/05/24 11:53
Total/NA	Prep	5030C			6016	AT	EET ALB	06/03/24 12:21
Total/NA	Analysis	8021B		1	6157	JP	EET ALB	06/05/24 11:53
Total/NA	Prep	SHAKE			6045	DH	EET ALB	06/03/24 16:14
Total/NA	Analysis	8015M/D		1	6136	JU	EET ALB	06/04/24 22:23
Total/NA	Prep	300_Prep			6062	RC	EET ALB	06/04/24 08:18
Total/NA	Analysis	300.0		20	6133	SS	EET ALB	06/04/24 10:03

Client Sample ID: WS24-07 0-4'

Lab Sample ID: 885-5414-2

Date Collected: 05/30/24 12:00

Matrix: Solid

Date Received: 06/01/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			6016	AT	EET ALB	06/03/24 12:21
Total/NA	Analysis	8015M/D		1	6156	JP	EET ALB	06/05/24 12:17
Total/NA	Prep	5030C			6016	AT	EET ALB	06/03/24 12:21
Total/NA	Analysis	8021B		1	6157	JP	EET ALB	06/05/24 12:17
Total/NA	Prep	SHAKE			6045	DH	EET ALB	06/03/24 16:14
Total/NA	Analysis	8015M/D		1	6136	JU	EET ALB	06/04/24 22:47
Total/NA	Prep	300_Prep			6062	RC	EET ALB	06/04/24 08:18
Total/NA	Analysis	300.0		20	6133	SS	EET ALB	06/04/24 10:18

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex
 Project/Site: Lynx Federal 1

Job ID: 885-5414-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
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
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-25

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

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-5414-1

Login Number: 5414

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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

From: [Sally Carttar](#)
To: [Wells, Shelly, EMNRD](#)
Subject: [EXTERNAL] Re: nKL1626529955 LYNX FEDERAL 1
Date: Monday, December 22, 2025 8:55:45 AM

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Shelly,

We will do this in the spring, it has not been completed yet. My understanding is that seeding would be covered in the revegetation report.

Thanks!

Sally Carttar
Project Manager

Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, NM 88220

C 575.361.3561
O 575.725.5001
www.vertexresource.com

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From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, December 22, 2025 8:53 AM
To: Sally Carttar <SCarttar@vertexresource.com>
Subject: nKL1626529955 LYNX FEDERAL 1

Caution: This email is from an external sender. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

Hi Sally,

I am reviewing the reclamation report submitted for nKL1626529955 and have a question for you. In the remediation closure report that was approved for LYNX FEDERAL 1, it said, "The site will be seeded when conditions are favorable with the New Mexico State Land Office Deep Sand sites seed mixture to complete all of the requirements set forth in 19.15.29.13 NMAC. Seeds will include little bluestem, blue gramas, sideoats grama, sand dropseed, plains bristlegrass, firewheel, annual sunflower, and prairie

coneflower. The site will be monitored for success in the months following seeding.” In the submitted Reclamation report it does not mention if this was done. What was done to revegetate the area?

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 529846

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nKL1626529955
Incident Name	NKL1626529955 LYNX FEDERAL 1 @ 30-025-27861
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-27861] LYNX FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	LYNX FEDERAL 1
Date Release Discovered	07/15/2016
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Gasket Crude Oil Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Gasket Produced Water Released: 27 BBL Recovered: 0 BBL Lost: 27 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 529846

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/25/2025
--	--

Sante Fe Main Office
Phone: (505) 476-3441

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Phone: (505) 629-6116

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State of New Mexico
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 529846

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	660
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	126
GRO+DRO (EPA SW-846 Method 8015M)	62
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/12/2024
On what date will (or did) the final sampling or liner inspection occur	05/30/2024
On what date will (or was) the remediation complete(d)	05/25/2024
What is the estimated surface area (in square feet) that will be reclaimed	19662
What is the estimated volume (in cubic yards) that will be reclaimed	728
What is the estimated surface area (in square feet) that will be remediated	19662
What is the estimated volume (in cubic yards) that will be remediated	728

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 529846

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/25/2025
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 529846

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 529846

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	347359
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	19662
What was the total volume (cubic yards) remediated	728
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	19662
What was the total volume (in cubic yards) reclaimed	728
Summarize any additional remediation activities not included by answers (above)	see report

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 11/25/2025
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QUESTIONS, Page 7

Action 529846

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report

Only answer the questions in this group if all reclamation steps have been completed.

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	19662
What was the total volume of replacement material (in cubic yards) for this site	728

Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.

Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	05/15/2026

Summarize any additional reclamation activities not included by answers (above)	Summary is included in attached report.
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The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 11/25/2025
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QUESTIONS, Page 8

Action 529846

QUESTIONS (continued)

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	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 529846

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529846
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	12/22/2025